

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

EP Operating Company

214/630-8711

3. ADDRESS OF OPERATOR

7800 Stemmons Frwy., Suite 500 - Dallas, Texas 75247

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2284' FNL & 2287' FEL (SW-NE)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

25.1 miles south-southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\* Lease: 353'

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) Unit: 12,847'

16. NO. OF ACRES IN LEASE

1840'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

7300'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6084' GR

22. APPROX. DATE WORK WILL START\*

November, 1986

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	2000'	To Surface
7-7/8"	5-1/2"	17#	7300'	Into Surface Casing

PROPOSED PROGRAM

Drill a 12-1/4 inch hole to 2000 feet, run 8-5/8 inch casing to bottom and cement to surface. Install an 8-5/8 inch x 11 inch, 3000 psi wellhead and nipple-up a minimum 11 inch, 3000 psi double hydraulic pipe and blind ram preventer with an annular preventer. Test rams to 3000 psi and annular to 1500 psi. Test casing to 1000 psi. Drill a 7-7/8 inch hole to total depth. Run full suite of open-hole radio-active and electric logs. If well proves productive, run 5-1/2 inch casing to bottom and cement in place, bring cement into surface casing. If well is non-productive, set plugs and restore drill site per BLM instruction.

\*SEE ATTACHED DRILLING PROGRAM AND THIRTEEN POINT SURFACE USE PROGRAM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*C. H. Peoples*  
C. H. Peoples

TITLE Regional Drilling Manager

DATE 10/10/86

(This space for Federal or State office use)

PERMIT NO.

43-047-31774

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE 11-20-86

BY John R. Bule

WELL SPACING: 823

See Instructions On Reverse Side

RECEIVED  
OCT 14 1986

DIVISION OF  
OIL, GAS & MINING

LIST OF ATTACHMENTS

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

A. DRILLING PROGRAM

B. THIRTEEN POINT SURFACE USE PLAN

EXHIBIT "A" - MINIMUM BLOWOUT PREVENTER REQUIREMENTS

LOCATION LAYOUT - CUT SHEET

LOCATION OF PRODUCTION FACILITIES

TOPOGRAPHIC MAP "A"

TOPOGRAPHIC MAP "B"

BONDING STATEMENT

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

COMPANY: EP Operating Company WELL NO.: Cottonwood Wash Unit No. 1

LOCATION: Section 10, T12S-R21E LEASE NO.: U-40729

ON-SITE INSPECTION DATE: September 15, 1986

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Uinta	Surface
Green River	366'
Wasatch	3344'
Mesaverde	6025'

2. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered:

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Green River	366'	Oil
Trona	3310'	Salt Water
Wasatch	3344'	Gas
Mesaverde	6025'	Gas

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: See Exhibit "A"

Blowout prevention equipment will have a minimum working pressure of 3000 psi. Ram preventers and surface equipment will be tested to 3000 psi, and the annular preventer will be tested to 1500 psi.

BOP systems will be consistent with API RP 53. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing and cement plugs.

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

<u>Setting Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Condition</u>	<u>Cement Top</u>
0' - 2000'	8-5/8"	24#	K-55, STC	New	Back to Surface
0' - 7300'	5-1/2"	17#	N-80, LTC	New	2000'

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Casing Program and Auxiliary Equipment: continued

Auxiliary Equipment:

1. An upper kelly cock will be kept in the string at all times.
2. A float at the bit will not be used.
3. A full opening safety valve will be kept on the floor for stabbing into the drill pipe when the kelly is not in the string.
4. A mud logging unit with gas detecting equipment will be used from 2500 feet to total depth.

5. Mud Program and Circulating Medium:

<u>Interval</u>	<u>Medium</u>	<u>Anticipated Properties</u>
0' - 2000'	Fresh Water/Gel Lime/Polymers	MW: 8.6 - 8.8 ppg VIS: 35 - 45 sec/qt
2000' - 7300'	Fresh Water/Gel Lime/Polymers	MW: 8.6 - 9.7 ppg VIS: 38 - 40 sec/qt WL: 8 - 15 cc's

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

6. Coring, Logging and Testing Program:

There are no drill stem tests or cores anticipated.

A suite of open hole logs will be run upon reaching total depth. The logs will include:

DLL/MSFL/GR/CAL  
BHC/Sonic/GR  
CN/CD/GR/CAL

Whether the well is completed as a dry hole or as a producer. "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, samples descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

No abnormal pressures, temperatures, H<sub>2</sub>S or other potential hazards have been reported from wells drilled to these depths in this area; thus none are anticipated for this well. The anticipated bottom hole pressure is 3500 psi.

8. Anticipated Starting Dates and Notification of Operations:

Location construction will begin on or about November 15, 1986

Spudding will occur as soon as possible after the completion of the surface location, this will occur on or about November 20, 1986. The duration of drilling operations will be approximately 30 days.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notifications given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-5 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office - 170 South - 500 East, Vernal, Utah 84078

IMMEDIATE REPORT: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a production status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 mmcf of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations of Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PROGRAM:

1. Existing Roads:

- a. Maps "A" and "B" show the wellsite as staked and the associated access route.
- b. The wellsite can be reached from Ouray, Utah by proceeding south to Seep Ridge Road, and continuing to the point where an existing trail exits to the east (23.3 miles total). Follow the trail 1.3 miles east and south to the point where the proposed access road exits to the south. Follow the access road 0.54 miles to the wellsite.
- c. The access road is shown on Map "B" and has been centerline flagged.
- d. Existing roads will be maintained in present conditions. The existing trail will be upgraded to the standards of the planned access road (see Point No. 2).

2. Planned Access Road:

- a. Length - 0.54 miles
- b. Width - 30 foot right-of-way with 18 foot running surface maximum.
- c. Maximum Grades - 8 percent
- d. Turnouts - none
- e. Drainage Design - drainage ditches will be cut on either side of the road where it is determined necessary in order to handle any run-off from normal meteorological conditions.
- f. There will be no culverts, bridges or any major cuts or fills required.
- g. Surfacing material - native materials gathered during construction only will be used.
- h. No gates, cattleguards or fence cuts will be required.
- i. Access road surface ownership - Federal

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

3. Location of Existing Wells:

There are no wells within a 1-mile radius of this well.

4. Location of Existing and/or Proposed Facilities:

In the event the subject well is productive and requires production facilities, all permanent (on-site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earth-tone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

Tank batteries will be placed on the western most portion of the location, as shown on the illustrated production facilities layout.

All leading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

5. Location and Type of Water Supply:

- a. Fresh water will be obtained from Willow Creek at a point located in the SW $\frac{1}{4}$  of NE $\frac{1}{4}$ , Section 3, T13S-R21E. A permit is currently being sought from the State of Utah.
- b. Water will be transported via truck across Buck Canyon and Seep Ridge roads and the access roads discussed in Points 1 and 2.
- c. There will be no water well drilled.

6. Source of Construction Materials:

The only construction materials to be used will be borrow material accumulated during construction. Any additional materials will be obtained from private sources. Nothing will be obtained from Federal or Indian lands.

7. Methods of Handling Waste Disposal:

The reserve pit will be used as a fresh water storage area during the drilling of this well and will also be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc. This pit will not be lined as stipulated at the onsite. The reserve pit will be allowed to dry and will be covered with a minimum of four feet of soil. In the event reclamation is required before the pit has dried adequately, all fluids will be hauled by truck to an approved disposal site.

A temporary trash basket will be supplied and will be placed on the location site. This trash basket will be used to contain trash accumulated at the site. The trash will be hauled to the nearest sanitary land fill. There will be no burning allowed on this location.

A portable chemical toilet will be supplied for human waste. Gray water will be drained into a rathole alongside the trailers.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered for issuing a shut-in order.

8. Ancillary Facilities:

There are no camps or airstrips planned for this well. Temporary trailers will be moved onto location to house company personnel, the tool pusher and mud loggers during the drilling of this well.

9. Well-Site Layout: See attachment

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

9. Well-Site Layout: See attachment - Continued

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well-Site Layout: The reserve pit will be located on the south-east corner.

The stockpiled topsoil will be stored on the west and east sides.

Access to the well pad will be from the north.

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

If the wellsite is to be abandoned then all disturbed areas will be recontoured to the appropriate natural contours.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. The appropriate seed mixture to be used will be specified by the BLM at that time.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits will be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

The access road will be blocked to prevent vehicle use and prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.

10. Plans for Restoration of Surface: Continued

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days. The Vernal BLM, Bookcliffs Resource Area will be contacted 48 hours prior to starting rehabilitation.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items No. 7 and No. 10.

11. Surface and Mineral Ownership:

Bureau of Land Management  
Utah State Office  
University Club Building  
136 East South Temple  
Salt Lake City, Utah 84111

(Own both Surface and Minerals)

Administered By:  
Bookcliffs Area Office  
Vernal, Utah

12. The Topography of the General Area - (See Topographic Maps "A" & "B")

The area is a basin formed by the Blue Mountain Plateau and Green River to the north and the White River and the Roan Plateau to the south.

The Basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in a sandstone, conglomerates and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uinta Formation (Eocene Epoch) Tertiary Period in the upper elevation and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in the area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soil.

12. The Topography of the General Area - continued

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring runoff and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8 inches.

The Green River to the north of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations. It consists of areas of sagebrush, rabbitbrush, grease wood, some grasses, and cacti as the primary flora.

The fauna of the area is predominately mule deer, coyotes, pronghorn antelope, rabbits, and various small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

The majority of the drainages in the area are of a non-perennial nature and drain into Hill Creek and Willow Creek which eventually drain into Green River.

The vegetation in the immediate area surrounding the location site is predominately sagebrush, greasewood and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164. There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. The dirt contractor will be provided with an approved copy of the surface use plan.

The Topography of the Immediate Area - continued

A suitable cultural resource clearance has been provided for the project. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operators Representative and Certification:

Operators Representative:

C. H. Peeples  
EP Operating Company  
7800 Stemmons Frwy., Suite 500  
Dallas, Texas 75247  
PHONE: 214/630-8711

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which currently exist, that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by

EP Operating Company

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/10/86  
Date

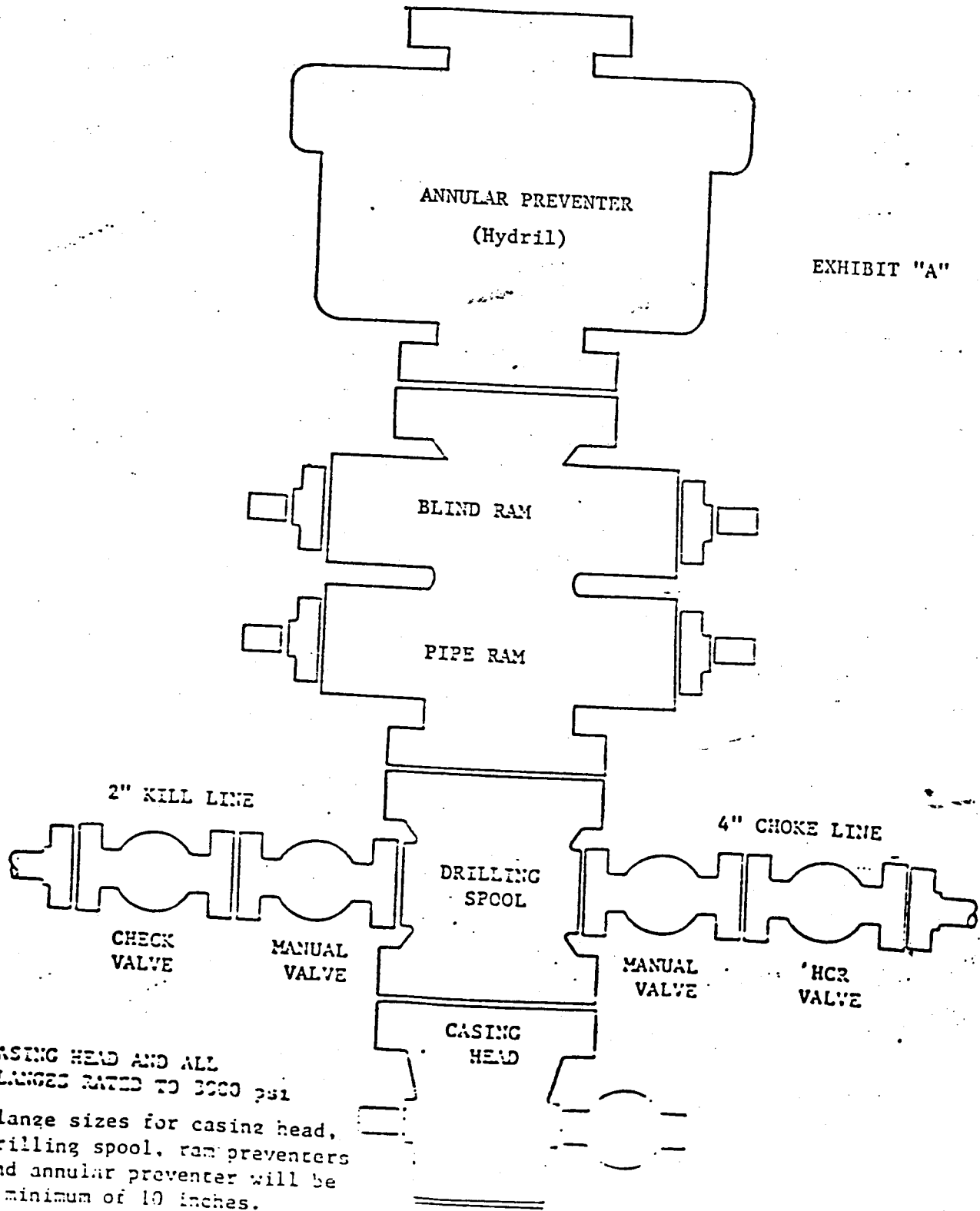
C. H. Peebles  
C. H. Peebles  
Regional Drilling Manager  
for EP Operating Company  
a limited partnership by  
Enserch Exploration, Inc.,  
Managing General Partner

ON-SITE:

DATE: September 15, 1986

MEK/hrs  
10/10/86

ENSERCH EXPLORATION, INC  
MINIMUM REQUIREMENTS FOR BLOW-OUT PREVENTION EQUIPMENT  
3000 psi W. P.



MINIMAL REQUIREMENTS FOR CHOKE MANIFOLD

3000 psi W. P.

EXHIBIT "A" Continued

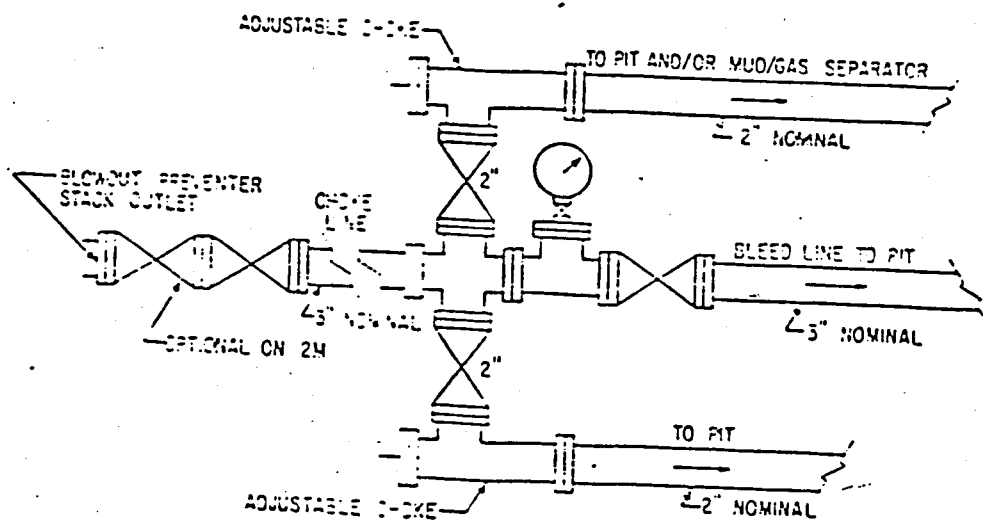


FIG. 3.A.1  
TYPICAL CHOKE MANIFOLD ASSEMBLY  
FOR 2M AND 3M RATED WORKING  
PRESSURE SERVICE - SURFACE INSTALLATION

# E. P. OPERATING CO.

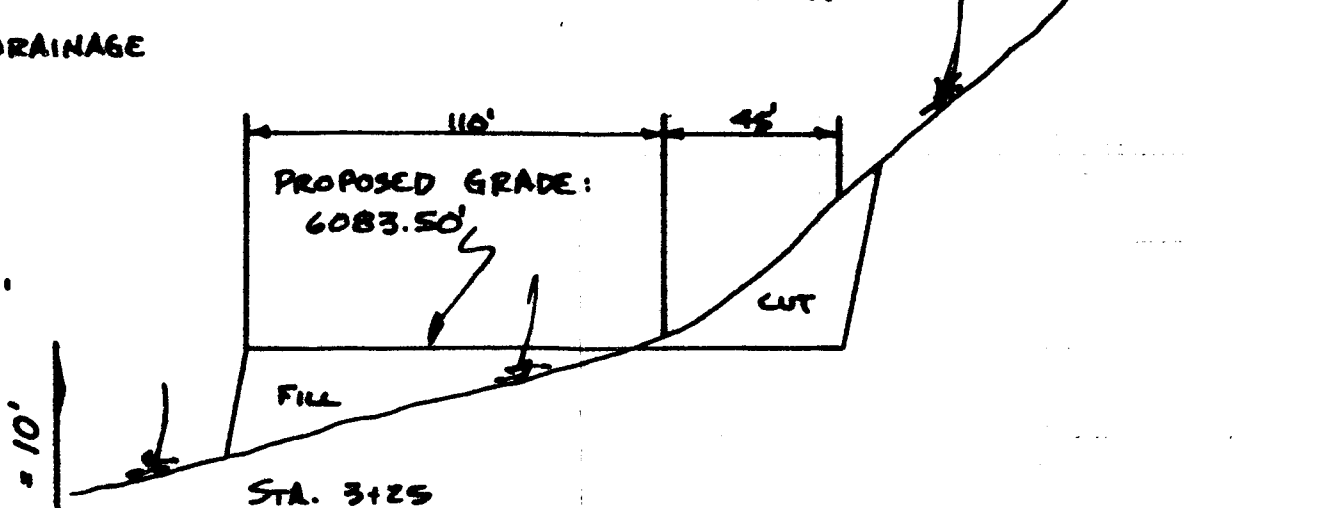
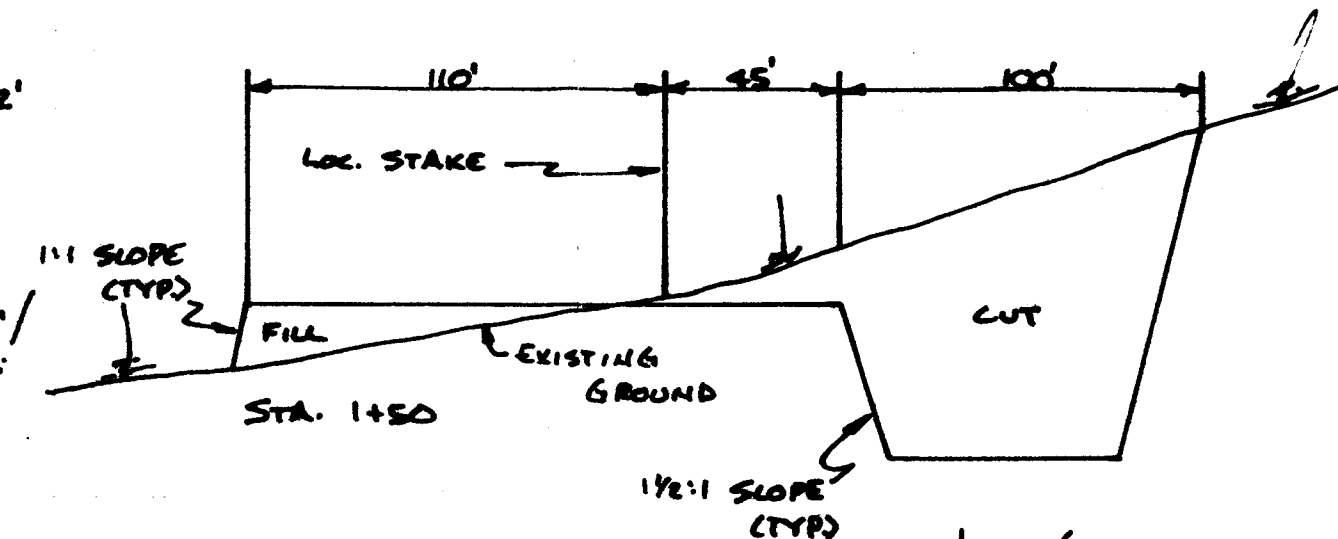
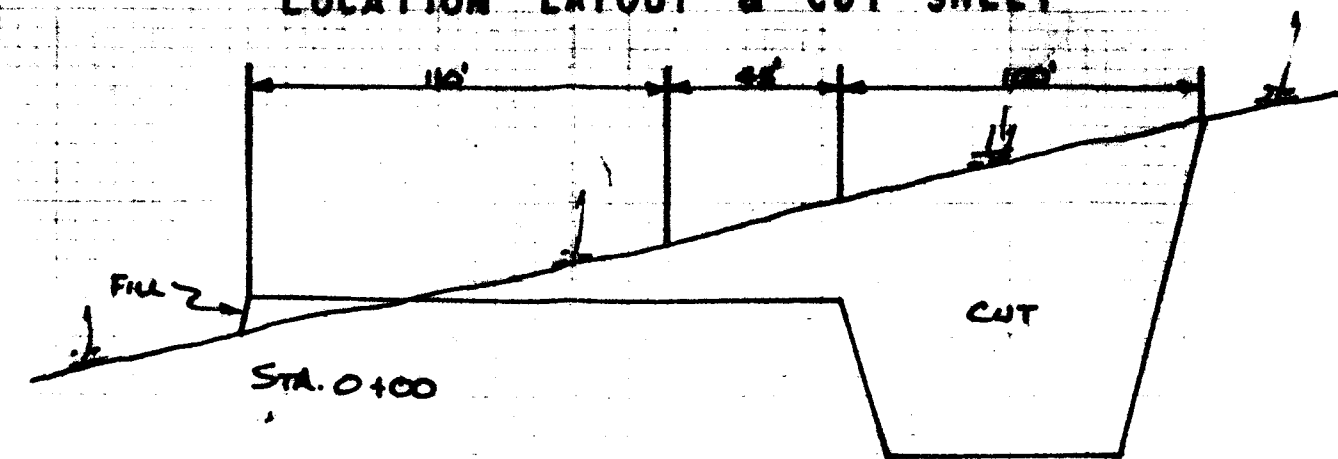
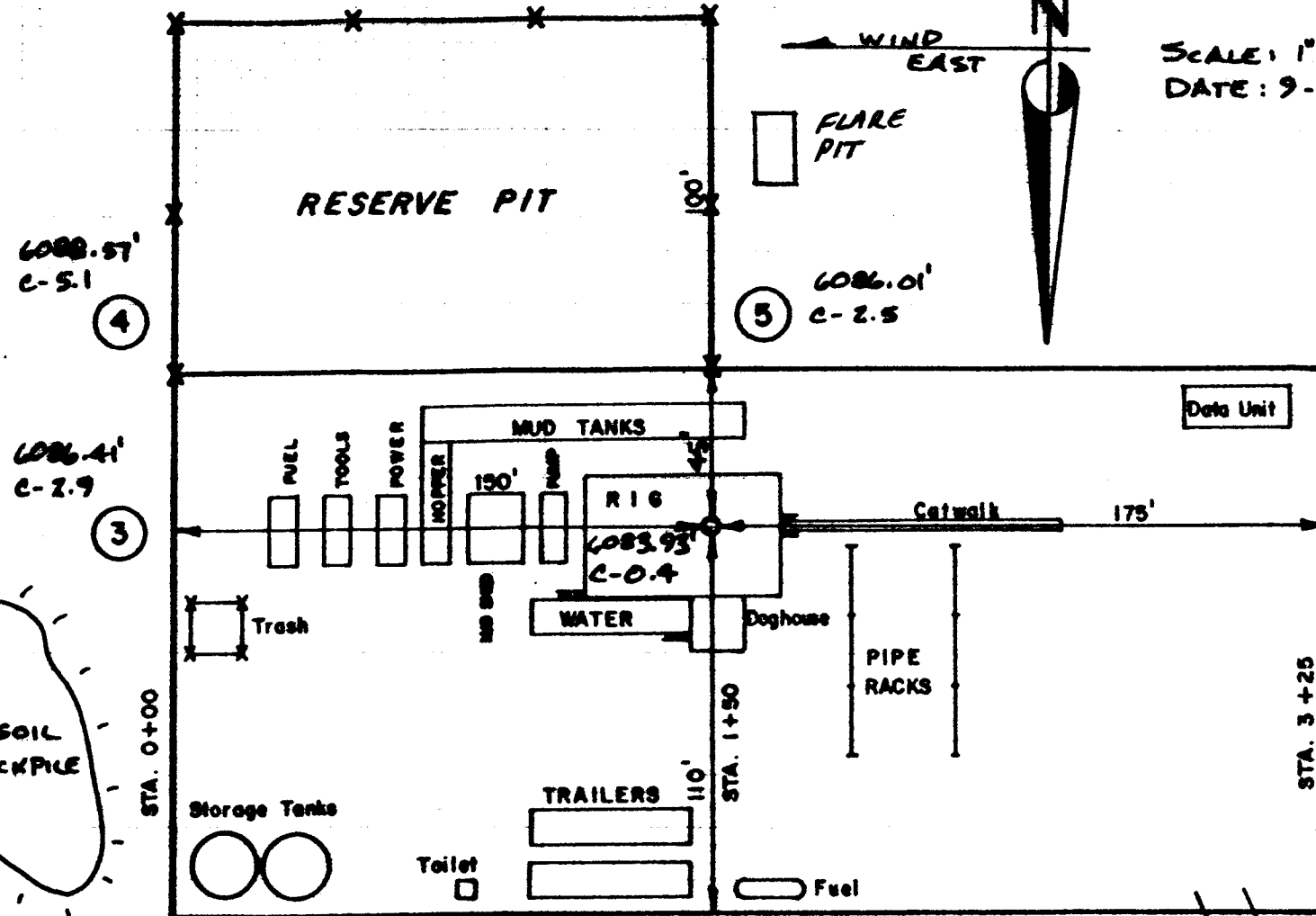
COTTONWOOD WASH UNIT #1

## LOCATION LAYOUT & CUT SHEET

6092.93'  
C-11.4 TO BOTTOM OF PIT.

6092.40'  
C-16.9 TO BOTTOM OF PIT.

SCALE: 1" = 50'  
DATE: 9-9-86



Scales  
1" = 50'

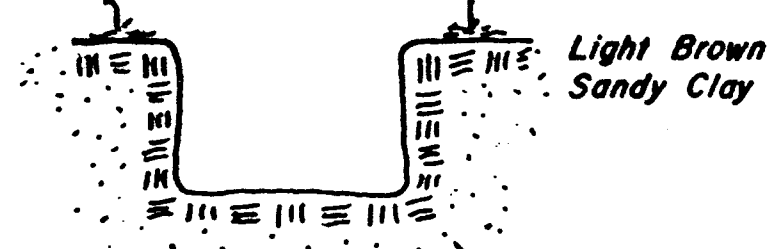
### APPROXIMATE YARDAGES

Cubic Yards Cut = 9,400

Cubic Yards Fill = 2,050

### SOILS LITHOLOGY

- No Scale -

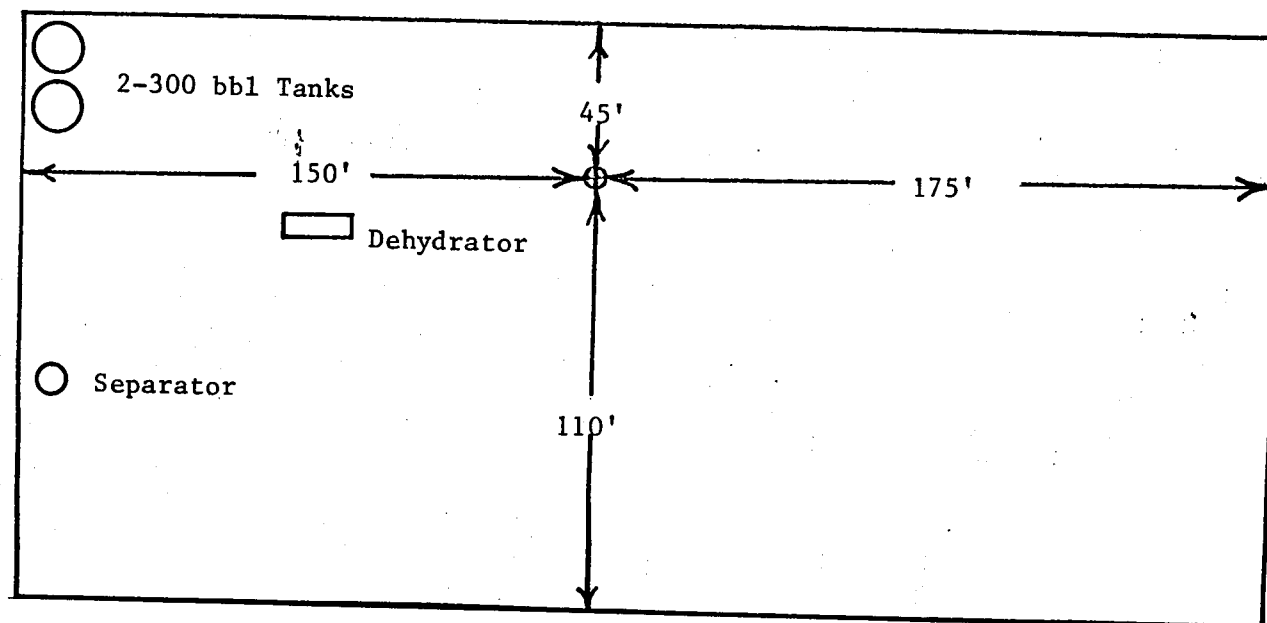


LOCATION OF PRODUCTION FACILITIES  
E.P. OPERATING COMPANY

Cottonwood Wash Unit No.1



scale: 1"=50'



**E.P. OPERATING CO.**

**COTONWOOD WASH UNIT #1**  
**PROPOSED LOCATION**

TOPO.

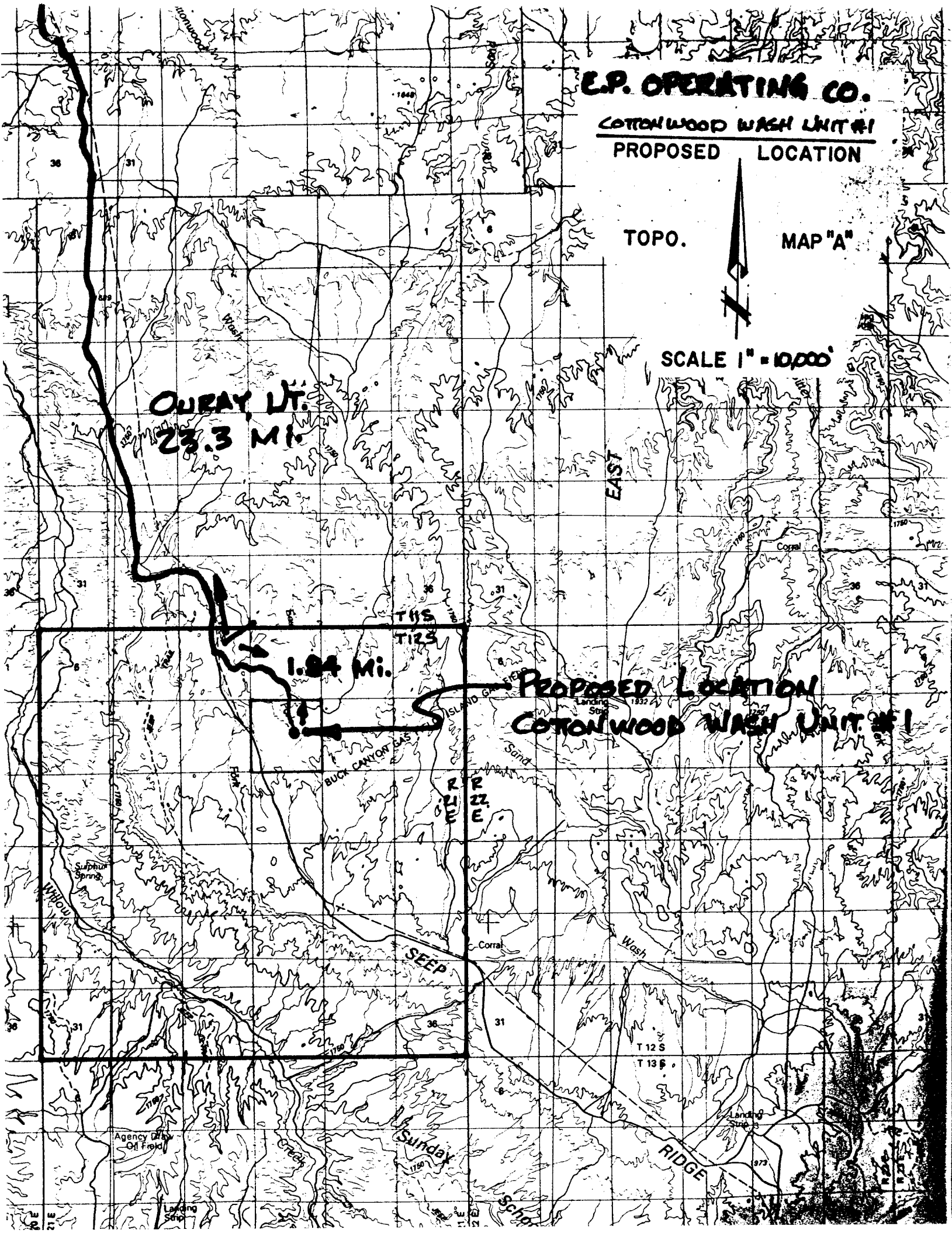
MAP "A"

SCALE 1" = 10,000'

**OURAY, UT.**  
**23.3 MI.**

**1.94 Mi.**

**PROPOSED LOCATION**  
**COTONWOOD WASH UNIT #1**



**E.P. OPERATING CO.**

**COTTONWOOD WASH UNIT #1  
PROPOSED LOCATION**



TOPO.

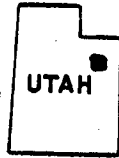
MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather,  
improved surface

Unimproved road fair or dry  
weather



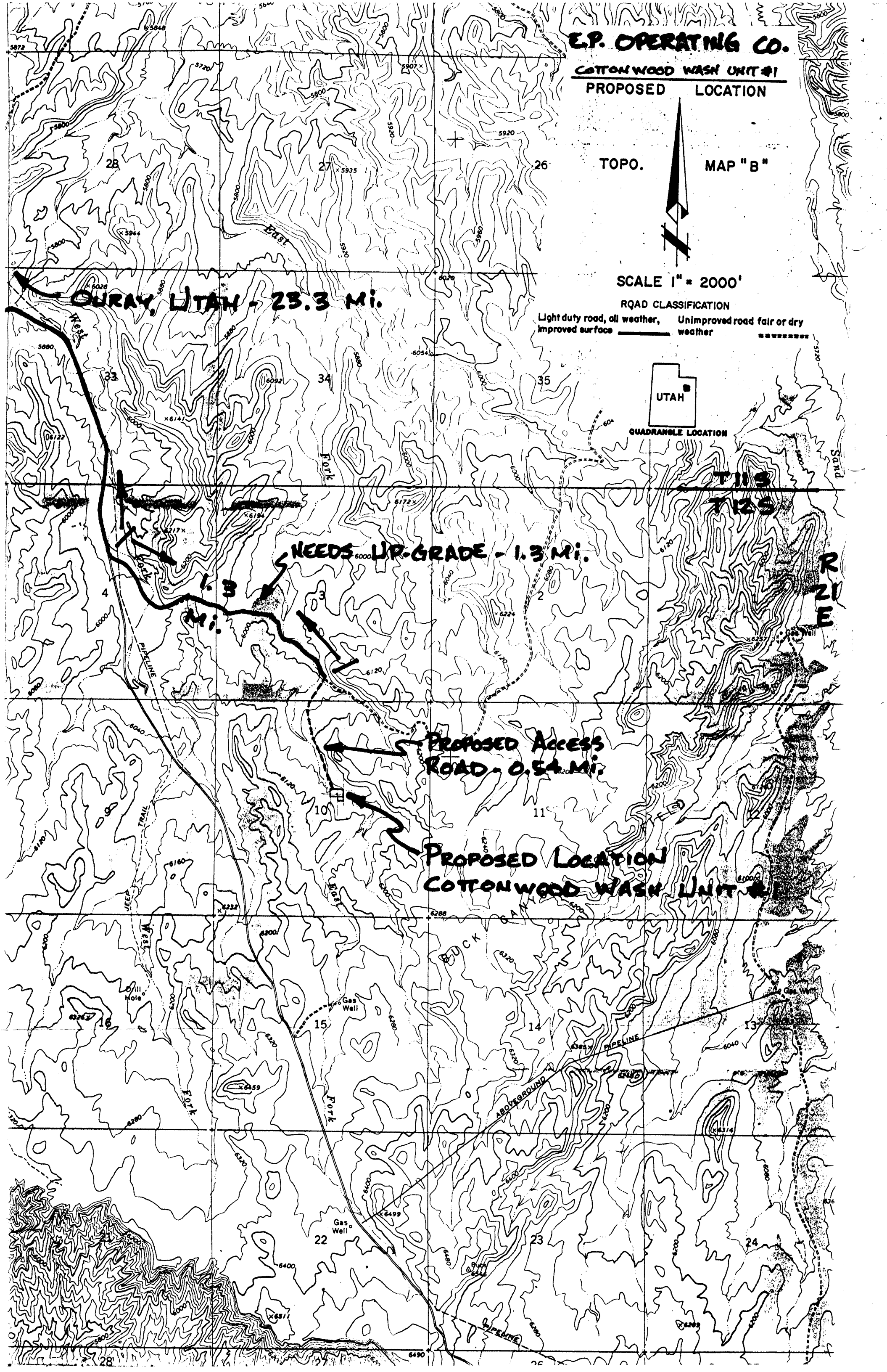
QUADRANGLE LOCATION

**OURAY, UTAH - 23.3 mi.**

**NEEDS UP-GRADE - 1.3 mi.**

**PROPOSED Access  
ROAD - 0.54 mi.**

**PROPOSED LOCATION  
COTTONWOOD WASH UNIT #1**



BONDING

EP Operating Company, holds a nationwide oil and gas bond in the amount of \$150,000 filed with the United States Department of the Interior, Bureau of Land Management.

BOND NUMBER: MKO 2883958

ISSUED: May 16, 1985

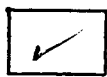
12508

OPERATOR EP Operating Co. DATE 10-20-86  
 WELL NAME Cottonwood Wash Unit #1  
 SEC SW ~~1E~~ 10 T 12S R 21E COUNTY Wintak

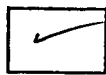
43-047-31774  
 API NUMBER

Ind.  
 TYPE OF LEASE

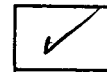
CHECK OFF:



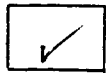
PLAT



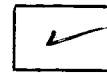
BOND

NEAREST  
WELL

LEASE



FIELD

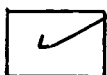
POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

Unit OK - approved 11/19/86  
Water permit needed

APPROVAL LETTER:

SPACING:



203

Cottonwood Wash  
 UNIT



302



CAUSE NO. &amp; DATE



302.1

STIPULATIONS:

1 - Water



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 20, 1986

EP Operating Company  
7800 Stemmons Freeway, Suite 500  
Dallas, Texas 75247

Gentlemen:

Re: Cottonwood Wash Unit #1 - SW NE Sec. 10, T. 12S, R. 21E  
2284' FNL, 2287' FEL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

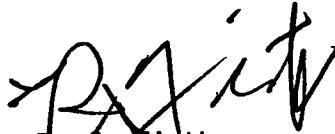
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2  
EP Operating Company  
Cottonwood Wash Unit #1  
November 20, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31774.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

120108

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☒

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

EP Operating Company

DIVISION OF

214/630-8711

3. ADDRESS OF OPERATOR

OIL, GAS & MINING

7800 Stemmons Frwy., Suite 500 - Dallas, Texas 75247

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2284' FNL & 2287' FEL (SW-NE)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

25.1 miles south-southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\*

Lease: 353'

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

Unit: 12,847'

16. NO. OF ACRES IN LEASE

1840

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

7300'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6084' GR

22. APPROX. DATE WORK WILL START\*

November, 1986

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	2000'	To Surface
7-7/8"	5-1/2"	17#	7300'	Into Surface Casing

PROPOSED PROGRAM

[OCT 14 1986]

Drill a 12-1/4 inch hole to 2000 feet, run 8-5/8 inch casing to bottom and cement to surface. Install an 8-5/8 inch x 11 inch, 3000 psi wellhead and nipple-up a minimum 11 inch, 3000 psi double hydraulic pipe and blind ram preventer with an annular preventer. Test rams to 3000 psi and annular to 1500 psi. Test casing to 1000 psi. Drill a 7-7/8 inch hole to total depth. Run full suite of open-hole radio-active and electric logs. If well proves productive, run 5-1/2 inch casing to bottom and cement in place, bring cement into surface casing. If well is non-productive, set plugs and restore drill site per BLM instruction.

\*SEE ATTACHED DRILLING PROGRAM AND THIRTEEN POINT SURFACE USE PROGRAM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*C. H. Peeples*  
C. H. Peeples

TITLE Regional Drilling Manager

DATE 10/10/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*David D. [Signature]*

TITLE

DISTRICT MANAGER

DATE 11-18-86

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

24080-7M-14

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Div. OG & M

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company EP Operating Company Well No. Cottonwood Wash 1

Location SW/NE Sec. 10 T12S R21E Lease No. U-40729

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

**A. DRILLING PROGRAM**

**1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered**

Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

**2. Pressure Control Equipment**

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place.

**3. Casing Program and Auxiliary Equipment**

All water zones and other mineral zones will be protected by the proposed cementing program. If borehole conditions prevent successful completion of the proposed plan, this office shall be notified immediately to determine required remedial protection procedures.

**4. Coring, Logging and Testing Program**

A cement bond log shall be run after cementing the 5½" casing.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

**5. Other Information**

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test

tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen	(801) 247-2318
Assistant District Manager	
for Minerals	

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

R. Allen McKee	(801) 781-1368
Petroleum Engineer	

Revised October 1, 1985

Date NOS Received 09/09/86

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator EP Operating Company

Well Name & Number Cottonwood Wash Unit No. 1

Lease Number U-40729

Location SW ¼ NE ¼ Sec. 10 T. 12 S. R. 21 E.

Surface Ownership Public Lands Administered by the BLM

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

2. Methods for Handling Waste Disposal

Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

The reserve pit shall not be lined unless it is necessary. The pit will be tested prior to drilling and lined if necessary in order to conserve water during drilling operations.

Produced waste water will be confined to an unlined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

3. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The reserve pit will be located on the south side of the location. A separate flare or blooie pit will be located adjacent to the reserve pit 100 feet from the well hole for the blooie line during drilling operations.

The stockpiled topsoil will be stored on the east and west sides of the location.

Access to the well pad will be from near stake 8 in the northwest corner of the pad.

#### 4. Plans for Restoration of Surface

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within one year from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

5. Other Additional Information

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The operator or his contractor shall contact the BLM Office at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact the Bookcliffs Resource Area.

The location is in pronghorn habitat. The operator is asked to plan drilling and construction of the pad so they do not interfere with the antelope kidding season May 15 through June 20.

The area has been identified as having critical to severe soil erosion conditions. The operator is asked to cooperate in minimizing watershed damage during muddy and wet periods.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

DIVISION OF OIL, GAS AND MINING

120304

SPODDING INFORMATION

API #43-047-31774

NAME OF COMPANY: EP OPERATING

WELL NAME: COTTONWOOD WASH UNIT #1

SECTION SW SE 10 TOWNSHIP 12S RANGE 21E COUNTY UINTAH

DRILLING CONTRACTOR BEN COAL

RIG #

SPODDED: DATE 11-29-86

TIME 12:00 Noon

How Dry Hole Spudder

DRILLING WILL COMMENCE 11-30-86 - Grace-Bomas Rig #179 - Time: 5:30 PM

REPORTED BY Robert Dalton

TELEPHONE # 303-675-5601

DATE 12-1-86 SIGNED Wm. Moore

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or plug well on different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Federal U-40729
2. NAME OF OPERATOR E. P. Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 010508
3. ADDRESS OF OPERATOR 7800 Stemmons Freeway, Suite 500, Dallas, Texas 75247.		7. UNIT AGREEMENT NAME Cottonwood Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2284' FNL & 2287' FEL (SW-NE) 43-047-31774		8. FARM OR LEASE NAME Cottonwood Wash Unit
14. PERMIT NO. UT-080-7-M-14 #1		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6084' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10, T12S, R21E SLB&M
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Drilling Operations

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Set 50 feet of 16 inch conductor pipe 11/29/86. Rigged up rotary rig and spudded 12-1/4 inch hole at 5:00 PM, MST, 11/30/86. Drilled to 2000 feet, ran 8-5/8 inch, 24#, K55, STC casing at 2000 feet and cemented to surface with 400 sacks Hi Fill and 350 sacks Class "A". Had good returns, circulated 100 sacks to reserve. Installed wellhead and BOP. Tested rams and surface equipment to 3000 psi and annular to 1500 psi. Tested casing to 1000 psi. Drilled 7-7/8 inch hole to 7200 feet. Ran following open hole logs: DIFL/GR/SP, Sonic/GR/CAL, FDC/CNL/GR. Ran 5-1/2 inch production casing to bottom and cemented back into surface casing with 300 sacks Hi Fill and 1335 sacks 50/50 Pozmix. Had good returns throughout job. Released rig 12:00 midnight, MST, 12/18/86.

\*Completion results will be submitted from our production office:  
1700 Lincoln Street, Suite 3600  
Denver, Colorado 80203  
Phone: (303) 831-1616

18. I hereby certify that the foregoing is true and correct

SIGNED

Jack L. Siedge

TITLE Regional Drilling Manager

DATE 12/19/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

per instructions on  
reverse side

021204

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-40729
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, CO 80203		7. UNIT AGREEMENT NAME Cottonwood Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  2284' FNL, 2287' FEL (SW NE) 43-047-31774		8. FARM OR LEASE NAME Cottonwood Wash
14. PERMIT NO. UT-080-7-M-14 #1		9. WELL NO. #1
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 6084' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SUBST OR AREA SLBM Section 10, T12S, R21E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Progress ReportREPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐☒

(NOTE: Report results of multiple completion on Well  
(Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Began completion operations 1/28/87. Installed 11" 3000# x 7 1/16" 5000# W-K-M tubinghead. Tested to 3000 psi. Ran in hole with 2 7/8" tubing to 7130'±. PBTD 7130'. Ran CBL and PDK-100 (Dresser TDT Log).

RECEIVED  
JAN 05 1987

DIVISION OF  
OIL, GAS & MINING

## 18. I hereby certify that the foregoing is true and correct

SIGNED

Marshall T. Berryhill Jr.  
Marshall T. Berryhill Jr.

TITLE District Production Manager DATE 1/30/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CERTIFY OF APPROVAL IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY, UT 84180-1203

RECEIVED  
JAN 09 1987

DIVISION OF  
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Cottonwood Wash Unit No. 1  
Operator E. P. Operating Company Address 7800 Stemmons Frwy. Suite 500  
Dallas, Texas 75247  
Contractor Grace Drilling Address 2801 Youngfield St. #178  
Golden, Colorado 80401  
Location SW 1/4 NE 1/4 Sec. 10 T. 12S R. 21E County Uintah

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No Water Encountered</u>			
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops

Remarks


- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

Dula

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-40729
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 032409
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado		7. UNIT AGREEMENT NAME Cottonwood Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with all requirements. See also space 17 below.) At surface 2284' FNL, 2287' FEL (SW NE)		8. FARM OR LEASE NAME Cottonwood Wash
<div style="text-align: center;">  </div>		9. WELL NO. #1
		10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10, T12S, R21E		12. COUNTY OR PARISH Uintah
13. STATE Utah		
14. PERMIT NO. UT-080-7-M-14-#1	15. ELEVATIONS (Show whether of, at, or above) 6084' GR	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Progress Report

(NOTE: Report results of multiple completion on Well  
(Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Ran in hole with bit, scraper and drill collars. Circ. hole clean. Rigged up Halliburton, cleaned casing with 350 gals Xylene, 700 gals 15% HCL acid, 5 bbls 3% KCL water. Ran CBL from 7122' back to 3250'. Ran in hole and perf. Mesa Verde from 6750-56', 6768-70', 6772', 6774', 6776', 6810-12', 6814', 6816', 6818', 6820', 6828-30', 6832', 6833', 6834' and 6836'. Ran in hole with tubing and set packer at 6653'. Broke down perfs with 1500 gals 7½% HCL acid with additives. Rigged up and began making one hour swab runs, all load recovered. Ran and set CIBP at 6700'. Dumped 10' cement on B.P. PBTD at 6690'. RIH and perforated Mesa Verde from 6234, 6236', 6238', 6240', 6294', 6296', 6298', 6310', 6312', 6314', 6414', 6416', 6418', 6432', 6434', 6436', 6438', 6544', 6546', 6548', 6550', 6552', 6554', 6556' and 6558'. Made up and RIH with 5½" packer and set at 6173'. Broke down perfs with 1500 gals 7½% HCL acid with additives. Fraced Mesa Verde with 75,000 gals CO<sub>2</sub> gelled KCL water with 30% CO<sub>2</sub> and 169,000# 20/40 sand. Ran After Frac Gamma Ray and Temp. Log. Frac stayed in zone. All load recovered plus 200 bbls. Avg. gas rate of 220 MCFD, avg. water rate of 240 BPD. Ran Temp. Log, Fluid Density and Injection Profile Log. Perfs 6294-6314' had 69% water, 24% gas; 6414-38' had 31% water, 32% gas; 6544-58' had no water and 44% gas. Rigged up to swab. Made four swab runs, well began unloading.

## 18. I hereby certify that the foregoing is true and correct

SIGNED

R. Michael Blincow

TITLE Petroleum Engineer

DATE 3/17/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

RECEIVED  
APR 01 1987

040747

56 64 01

DIVISION OF  
WELL COMPLETION OR RECOMPLETION REPORTING LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR  
E P Operating Company

3. ADDRESS OF OPERATOR  
1700 Lincoln St., Ste. #3600, Denver, CO 80203 (303) 831-1616

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2284' FNL, 2287' FEL (SWNE)  
At top prod. interval reported below Same  
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.  
U-40729

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Cottonwood Wash Unit

8. FARM OR LEASE NAME  
Cottonwood Wash Unit

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 10, T12S, R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. PERMIT NO. UT-080-7-M-14-#1 DATE ISSUED 11/19/86

15. DATE SPUDDED 11/29/86 16. DATE T.D. REACHED 12/17/86 17. DATE COMPL. (Ready to prod.) 3/27/87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6099' RKB 19. ELEV. CASINGHEAD 6084'

20. TOTAL DEPTH, MD & TVD 7200' 21. PLUG, BACK T.D., MD & TVD 5650' 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY → X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5555'-5562' Wasatch 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CN/CD, DIFL/GR/SP, BHC/GR, CBL, PDK-100 (Dresser Atlas) 27. WAS WELL CORRED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	2000'	12 1/4	400 sks. Hi-Fill, 350 sks.	"A"
5 1/2"	17#	7200'	7 7/8	300 sks. Hi-Fill, 1335 sks.	50-50 poz mix

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5050	None

31. PERFORATION RECORD (Interval, size and number)  
Producing Interval  
5555'-5562'  
14 - .38" holes  
See Attachments for Tested Intervals

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) 5555'-5562'  
AMOUNT AND KIND OF MATERIAL USED  
29,000 gal. wtr. gel, 30% CO<sub>2</sub>  
54,000 lbs. 20/40 mesh sand.

33. PRODUCTION  
DATE FIRST PRODUCTION 3/25/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
3/26/87	24	14	→	0	736	96	—

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
700	900	→	0	736	96	N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-in pending market improvement TEST WITNESSED BY G. W. Gasch

35. LIST OF ATTACHMENTS  
Perforation Record.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. M. Blincow TITLE Petroleum Engineer DATE 3/27/87

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES : SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF : CORED INTERVALS ; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	4180	4194	Porosity (%)	11	Green River Wasatch Mesa Verde	340 (Est)	Same
	5426	5446	Sw (%)	60		3404	Same
	5554	5564		70		5913	Same
	5804	5820	Show	150 unit gas incr.			
	5850	5880		110 unit gas incr.			
Mesa Verde				No show			
				No show			
				24 unit gas incr.			
	6216	6226		200 unit gas incr.			
	6232	6254		80 unit gas incr.			
	6290	6320		110 unit gas incr.			
	6374	6444		380 unit gas incr.			
	6530	6565		200 unit gas incr.			
	6748	6768		150 unit gas incr.			
	6806	6820		150 unit gas incr.			
	6826	6838		150 unit gas incr.			

041404

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40729 <b>SI</b>
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St., Ste. #3600, Denver, CO 80203		7. UNIT AGREEMENT NAME Cottonwood Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  2284' FNL, 2287' FEL (SW/NE) <b>43.047.31774</b>		8. FARM OR LEASE NAME Cottonwood Wash Unit
14. PERMIT NO. UT-080-7-M-14-#1		9. WELL NO. #1
15. ELEVATIONS (Show whether OF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T12S, R21E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Progress Report for March. ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Flow tested well from Mesa Verde perforations at 6234-40', 6294-98', 6310-14', 6414-18', 6432-38', 6544-58'. Zone made approximately 220 MCF/D and 150 BWPD. Set CIBP @ 6200' to abandon.

Perforated Mesa Verde from 6096-6707', recovered water and no gas. Set CIBP @ 5950' to abandon.

Perforated lower Wasatch from 5555-5562'. Broke down and fracture stimulated interval with 20,000 gallons gelled water and 54,000 pounds of sand. The well was IP'd for 736 MCF/D. (Please refer to Well Completion Report submitted 3/27/87.)

**RECEIVED**  
APR 13 1987

DIVISION OF  
OIL, GAS & MINING

## 18. I hereby certify that the foregoing is true and correct

SIGNED

R. M. Blincow

TITLE Petroleum Engineer

DATE 4/8/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CERT. OF APPROVAL IF ANY:

Perforated and tested the following intervals:

MESA VERDE

6750-56', 6768'-76', 6810'-20', 6828'-36'

Breakdown with 7½% HCL

No gas entry

Set CIBP @ 6700' with 10' of cement

6234', 36', 38', 40', 6294', 96', 98', 6310', 12', 14', 6414', 16', 18'

6432', 34', 36', 38', 6544', 46', 48', 50', 52', 54', 56', 58'

Breakdown with 7½% HCL

Frac with 75,000 gallons gelled H<sub>2</sub>O

30% CO<sub>2</sub>

169,000# 20/40 sand

Tested approximately 220 MCF/day and 150 BWPD

Set CIBP @ 6200'

6096'-6107'

Breakdown with 50 barrels production water

Recovered water and no gas

Set CIBP @ 5950'

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SEE INSTRUCTIONS ON  
REVERSE SIDE

SGW

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

AUG 5 1987

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-40729

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

080701

7. UNIT AGREEMENT NAME

Cottonwood Wash Unit

8. FARM OR LEASE NAME

Cottonwood Wash Unit

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., OR BLK. AND  
SURVEY OR AREA

Sec. 10, T12S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

E P Operating Company (303) 831-1616

3. ADDRESS OF OPERATOR

1700 Lincoln St., Ste. #3600, Denver, CO 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2284' FNL, 2287' FEL (SW/NE)

43.047-31774

14. PERMIT NO.

UT-080-7-M-14-#1

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

6099' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) Install surface facilities & ☒ pipeline

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

☐  
☐  
☐  
☐  
☐

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log (form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to install surface treating equipment and lay 4½" OD .237" wall, grade X-42 pipeline. The line will run on the surface from the dehydrator to a connecting point on the Mesa Pipeline in the NE/NE of Section 9. (Please refer to the attached topographic map.) The length of the line will be approximately 3000'. The line will be contained entirely within our Cottonwood Wash Unit.

DOGMA approval  
not required  
for this notice.

-JRB

18. I hereby certify that the foregoing is true and correct

SIGNED

R. M. Blincow

TITLE Petroleum Engineer

DATE 7/30/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

12. OPERATING CO.

COTTONWOOD WASH UNIT #1

PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface      Unimproved road fair or dry weather



QUADRANGLE LOCATION

T11S

R12S

Sand  
FINE

CURRY, UTAH - 23.3 mi.

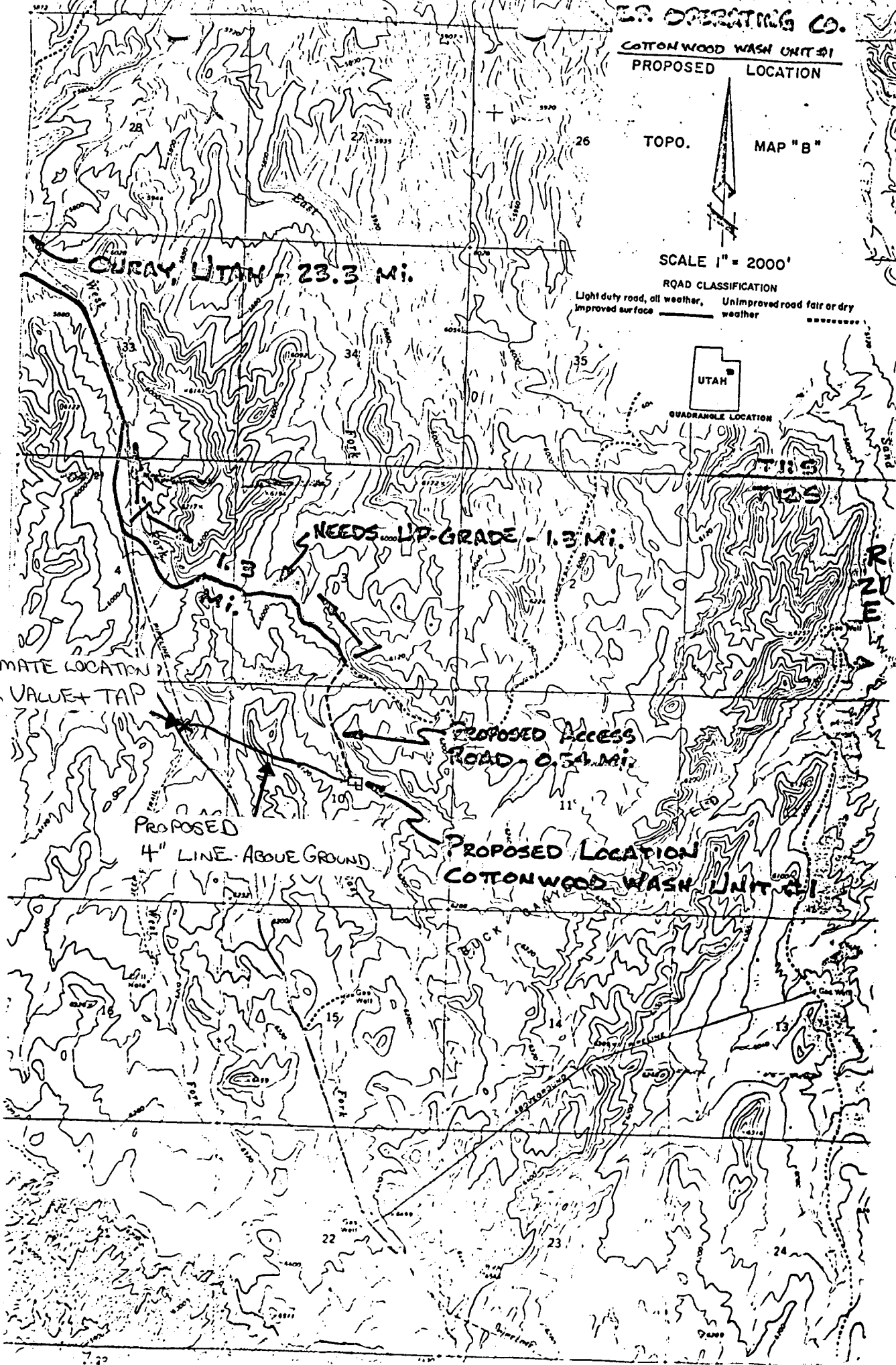
NEEDS IMP. GRADE - 1.3 mi.

APPROXIMATE LOCATION  
OF BLOCK VALVE + TAP

PROPOSED ACCESS  
ROAD - 0.54 mi.

PROPOSED  
4" LINE ABOVE GROUND

PROPOSED LOCATION  
COTTONWOOD WASH UNIT #1



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-40729 <b>SGW</b>
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A <b>100512</b>
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Cottonwood Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2284' FNL, 2287' FEL (SW NE) <b>43-047-31774</b> <b>ATS</b>		8. FARM OR LEASE NAME Cottonwood Wash Unit
14. PERMIT NO. <b>UT 080 7 M 14 #1</b>		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6099' RKB		10. FIELD AND POOL, OR WILDCAT Wildcat
16. <b>43-047-31774</b> Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA Section 10, T12S, R21E
13. COUNTY OR PARISH Uintah		13. STATE Utah

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Initial Gas Sales ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐(Other) ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Initial gas sales from our Cottonwood Wash Unit Well No. 1 was at approximately 2:00 p.m. on 9/21/87

OCT 2 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Gerald W. Gasch*  
Gerald W. Gasch

TITLE

Sr. Production Supervisor

DATE

9/28/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUPPLEMENT IN TRIPLICATE  
(See instructions on  
reverse side)

SGW

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-40729
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 100717
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Cottonwood Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2284' FNL, 2287' FEL (SW NE) 43-047-31774		8. FARM OR LEASE NAME Cottonwood Wash Unit
14. PERMIT NO. UT 080-7-M-14-#1		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6099' RKB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA Section 10, T12S, R21E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Wellsite Diagram	X

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other)	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Wellsite Diagram Attached.

RECEIVED

OCT 2 1987

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED R. M. Blincow KRB

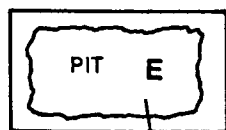
TITLE Petroleum Engineer

DATE 9/29/87

(This space for Federal or State office use)

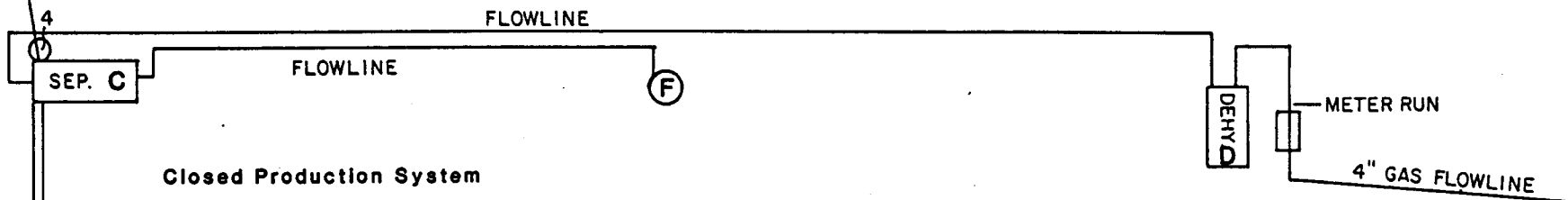
APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_



# COTTONWOOD WASH UNIT WELL NO.1

OCT 2 1987



## Closed Production System

1. Sales by Tank Gauge - Shipped by Truck

## 2. Seal Requirements

### A. Production Phase

1. Valve No. 1 - Opened
2. Valve No. 2 - Closed
3. Valve No. 3 - Opened
4. Valve No. 4 - Closed

### B. Sales Phase

1. Valve No. 1 - Closed
2. Valve No. 2 - Opened
3. Valve No. 3 - Opened
4. Valve No. 4 - Opened

A. 300 bbl. Production Tank

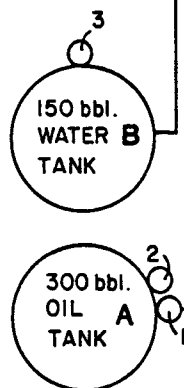
B. 150 bbl. Waste Water Tank

C. 3 Phase Production Unit

D. Dehydrator

E. Emergency Pit

F. 5000 lb. WKM Wellhead



## WELL SITE FACILITY AND SURFACE FLOWLINE DIAGRAM

## EP OPERATING COMPANY

Federal Lse. No.: U-40729

Well Name: Cottonwood Wash Unit #1

Location: Sec. 10, T12S-R21E

County: Uintah

State: Utah

Date: September, 1987

Approved By: \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SEE INTRUCTIONS ON  
REVERSE SIDE

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-40729 <u>SGW-WSTC</u>	
2. NAME OF OPERATOR E P Operating Company (303) 831-1616 <u>110400</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A <u>122872</u>	
3. ADDRESS OF OPERATOR 1700 Lincoln St., Ste. #3600, Denver, CO 80203		7. UNIT AGREEMENT NAME Cottonwood Wash Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2284' FNL, 2287' FEL (SW/NE)		8. FARM OR LEASE NAME Cottonwood Wash Unit	
14. PERMIT NO. <u>43-047-31774</u> UT-080-7-M-14-#1		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6099' RKB		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>12S</u> Sec. 10, T21S, R21E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

DEC 21 1987

DIVISION OF  
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

REPAIRING WELL

SHOOTING OR ACIDIZING

ALTERING CASING

(Other) Install 1" coiled tubing

ABANDONMENT\*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Installed 5390' of 1" coiled tubing.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. W. Gasch

WIG

TITLE Sr. Production Supervisor

DATE 12/16/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT—for such proposals

6. Lease Designation and Serial Number

U-40729

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

Cottonwood Wash Unit

9. Well Name and Number

Cottonwood Wash Unit #1

10. API Well Number

43-047-31774

11. Field and Pool, or Wildcat

Wildcat

1. Type of Well

☐Oil  
Well☒Gas  
Well☐

Other (specify)

2. Name of Operator

EP Operating Company, L.P.

3. Address of Operator

6 Desta Dr., Ste. 5250, Midland, TX 79705-5510

4. Telephone Number

(915) 682-9756

5. Location of Well

Footage : 2284' FNL, 2287' FEL

County : Uintah

QQ, Sec. T., R., M. : SW NE, Sec. 10, T12S, R21E

State : UTAH

## 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |                                               |

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |                                                                       |                                               |
|-----------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |                                               |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well has been temporarily shut in due to low gas market prices. Said well will be returned to production as soon as gas prices become economical.

**RECEIVED**

FEB 03 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name &amp; Signature

*S. D. Reed*

- S. D. Reed

Title Prod. Supt.

Date 1/31/92

State Use Only)

**ENSERCH**  
**EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214-369-7893

Edward L. Johnson  
Director  
Land Operations  
Gulf Coast Region

December 2, 1992

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**

DEC 07 1992

DIVISION OF  
OIL GAS & MINING

ATTENTION: Mr. R. J. Firth

Re: Change of Operator (Form 9)  
Unitah & Duchesne Counties, Utah

Dear Mr. Firth:

Enclosed please find twenty-six (26) Form 9s transferring operations from EP Operating Company to Phoenix Hydrocarbons Operating Corp. If you have any questions regarding the above, please call me at (214) 987-6442.

Yours truly,

  
Dean Edzards

DE:ks  
Enclosure

c: Mr. Randy Bailey  
P. O. Box 2802  
Midland, Texas 79702

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		6. Lease Designation and Serial Number U-40729
2. Name of Operator EP Operating Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 6 Desta Drive, #5250, Midland, TX 79705-5510		8. Unit or Communitization Agreement Cottonwood Wash Unit
4. Telephone Number 915-682-9756		9. Well Name and Number Cottonwood Wash Unit #1
5. Location of Well Footage : 2,284' FNL, 2,287' FEL (SW/4 NE/4) QQ, Sec. T., R., M. : Section 10, T12S, R21E		10. API Well Number 4304731774
County : Uintah State : UTAH		11. Field and Pool, or Wildcat Wildcat

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |                                                                     |                                               |
|---------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |                                               |

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |                                               |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

### 13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from EP Operating Company:

Phoenix Hydrocarbons Operating Corp.  
P. O. Box 2802  
Midland, Texas 79702  
915-682-1186

Effective: September 1, 1992

**RECEIVED**

DEC 07 1992

DIVISION OF  
OIL AND GAS MINING

### 14. I hereby certify that the foregoing is true and correct

Name & Signature

Byron W. James  
(State Use Only) Byron W. James

Title Landman

Date 11/23/92

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS

RECEIVED  
FEB 16 1993

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

DIVISION OF

OIL, GAS & MINING

2. Name of Operator:

Phoenix Hydrocarbons Operating Corp

3. Address and Telephone Number:

415 W Wall, #703 Midland, TX 79701 915-682-1186

4. Location of Well

Footages:

QQ, Sec., T., R., M.:

Sec. 10, T-12-S, R-21-E

5. Lease Designation and Serial Number:

U-40729

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Cottonwood Wash #1

9. API Well Number:

43-047-31774

10. Field and Pool, or Wildcat:

Cottonwood Wash

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- ☐ Abandonment ☐ New Construction  
☐ Casing Repair ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Recompletion  
☐ Conversion to Injection ☐ Shoot or Acidize  
☐ Fracture Treat ☐ Vent or Flare  
☐ Multiple Completion ☐ Water Shut-Off  
☒ Other Annual Status Report

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- ☐ Abandonment ☐ New Construction  
☐ Casing Repair ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Shoot or Acidize  
☐ Conversion to Injection ☐ Vent or Flare  
☐ Fracture Treat ☐ Water Shut-Off  
☐ Other \_\_\_\_\_

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual Status Report: Unreconomic in Market

13.

Name & Signature: \_\_\_\_\_

Title: \_\_\_\_\_

President

Date: \_\_\_\_\_

2/10/93

(This space for State use only)

**COPY**

Bureau of Land Management  
Branch of Fluid Minerals (UT-922)  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

**RECEIVED**

JUN 6 1993

June 1, 1993 DIVISION OF  
OIL, GAS & MINING

Phoenix Hydrocarbons Operating Corp.  
415 W. Wall, Suite 703  
Midland, Texas 79701

RE: Cottonwood Wash Unit  
Uintah County, Utah

Gentlemen:

On May 17, 1993, we received an indenture dated May 12, 1993, whereby EP Operating Limited Partnership, resigned as Unit Operator and Phoenix Hydrocarbons Operating Corp. was designated as Successor Unit Operator for the Cottonwood Wash Unit, Uintah County, Utah.

The instrument is hereby approved effective June 1, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Cottonwood Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0663 will be used to cover all operations within the Cottonwood Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)  
Division of Oil, Gas & Mining  
Division of Lands and Mineral Operations U-942  
File - Cottonwood Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron.

U-922:TAThompson:tt:06-01-93

COPY

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 8368706810								
8368706810	430473177400S1 1		SWNE	10 12S	21E	PGW	UTU40729	E P OPERATING LIMITED PRT

# Phoenix Hydrocarbons Operating Corp.

January 5, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Romero

RE: Sundry Notices  
Enserch Exploration Inc. Acquisition

Dear Lisha:

Enclosed you will find the subject Sundry Notices. As per our telephone conversation in early December, we have signed a copy of the original notices which were filed by Enserch Exploration Inc. at the end of November.

In regards to the BLM notices, I am currently working with Enserch Exploration Inc. to get these filed.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

**RECEIVED**

JAN 13 1993

DIVISION OF  
OIL GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number U-40729
2. Name of Operator EP Operating Company		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 6 Desta Drive, #5250, Midland, TX 79705-5510		8. Unit or Communitization Agreement Cottonwood Wash Unit
4. Telephone Number 915-682-9756		9. Well Name and Number Cottonwood Wash Unit #1
5. Location of Well Footage : 2,284' FNL, 2,287' FEL (SW/4 NE/4) QQ, Sec. T., R., M. : Section 10, T12S, R21E		10. API Well Number 4304731774
County : Uintah State : UTAH		11. Field and Pool, or Wildcat Wildcat

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |                                                                     |                                               |
|---------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |                                               |

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |                                               |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

### 13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from EP Operating Company:

Phoenix Hydrocarbons Operating Corp.  
P. O. Box 2802  
Midland, Texas 79702  
915-682-1186

Effective: September 1, 1992

**RECEIVED**

JAN 13 1993

DIVISION OF  
OIL GAS & MINING

### 14. I hereby certify that the foregoing is true and correct

Name & Signature

Byron W. James

Title Landman

Date 11/23/92

(State Use Only)

PHOENIX HYDROCARBONS OPERATING CORP. NAME & SIGNATURE

TITLE/DATE

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1- <del>DES</del> / GIL
2- <del>DES</del> / 57-LE
3- VLC
4- RJF
5- FILM
6- ADA

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-01-92)

TO (new operator)	<u>PHOENIX HYDRO OPER CORP</u>	FROM (former operator)	<u>EP OPERATING CO, LP</u>
(address)	<u>PO BOX 2802</u>	(address)	<u>6 DESTA DRIVE #5250</u>
	<u>MIDLAND TX 79702</u>		<u>MIDLAND TX 79705-5510</u>
	<u>RHONDA PATTERSON</u>		<u>BYRON JAMES, LANDMAN</u>
	phone ( <u>915</u> ) <u>682-1186</u>		phone ( <u>915</u> ) <u>682-9756</u>
	account no. <u>N 9880</u>		account no. <u>N0400</u>

Well(s) (attach additional page if needed): \*COTTONWOOD WASH, EAST BENCH & ALGER PASS UNITS.

Name: <u>COTTONWOOD WASH U #1/WS</u>	API: <u>43-047-31774</u>	Entity: <u>10754</u>	Sec <u>10</u> Twp <u>12S</u> Rng <u>21E</u>	Lease Type: <u>U-40729</u>
Name: <u>EAST BENCH U #1/WSTC</u>	API: <u>43-047-31778</u>	Entity: <u>10795</u>	Sec <u>33</u> Twp <u>11S</u> Rng <u>22E</u>	Lease Type: <u>U-25880</u>
Name: <u>ALGER PASS #1/MVRD</u>	API: <u>43-047-31824</u>	Entity: <u>10828</u>	Sec <u>2</u> Twp <u>11S</u> Rng <u>19E</u>	Lease Type: <u>ML-36213</u>
Name: <u>SOUTHMAN CYN U #3/GRRV</u>	API: <u>43-047-15880</u>	Entity: <u>99990</u>	Sec <u>15</u> Twp <u>10S</u> Rng <u>23E</u>	Lease Type: <u>U-38427</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Rec'd 12-7-92*)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Reg. 12-14-92*) (*Rec'd 1-13-93*)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Rec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Rec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*6-10-93*)
- Rec 6. Cardex file has been updated for each well listed above. (*6-10-93*)
- Rec 7. Well file labels have been updated for each well listed above. (*6-10-93*)
- Rec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*6-10-93*)
- Rec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## INDEXING

1. All attachments to this form have been microfilmed. Date: 6-30-93 1993.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

- 921215 Btm/Vernal & S.Y. Not approved as of yet.
- 930401 Btm/S.Y. Approved wells under C.A.'s. (Unit wells not approved at this time.)
- 930610 Btm/S.Y. Approved "Cottonwood Wash Unit, East Bench Unit & Algen Pass Unit" eff. 6-1-93.
- Btm/Vernal Approved "Southman Syn. # " on 3-8-93. (Waiting on Trans. of Auth. to Inject)

## Phoenix Hydrocarbons Operating Corp.

December 20, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

FEB 28 1994

Attention: Lisha Cordova

RE: Change Of Operator  
Sundry Notices

Dear Lisha:

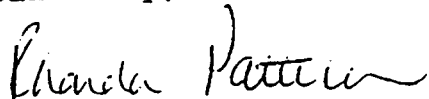
Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transfered.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

Post-it™ Fax Note

7671

Date	# of pages 3
To Lisha	From Carolyn Brockman
Co/Dept.	Co.
Phone #	Phone #
Fax #	Fax #

# UINTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31864	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31345	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Pariette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0136484	43-047-30034	SEC 4, T-7-S, R-22-E
Wolf Govt #1	UTU076939	43-047-16609	SEC 6, T-7-S, R-22-E
McLish #1 (Walkertollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (Walkertollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (Walkertollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (Walkertollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-6	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pan American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31082	SEC 8, T-7-S, R-23-E
Basar 6-1	UTU076939	43-047-31833	SEC 6, T-7-S, R-22-E
Basar 6-1	UTU076939	43-047-31834	SEC 6, T-7-S, R-22-E
Basar 6-2	UTU076939	43-047-31859	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30856	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30832	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30833	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU58097	43-047-31900	SEC 16, T-6-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madeline 4-3-C	UTU42469	43-047-32279	SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31903	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-6-S, R-20-E
Flat Mesa 1-7	U-38420	43-047-30362	SEC 7, T-10-S, R-23-E
Flat Mesa 2-7	U-38420	43-047-30546	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37355	43-047-30368	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 8, T-11-S, R-20-E
No Name Canyon 1-8	U-37355	43-047-30378	SEC 8, T-10-S, R-23-E
No Name Canyon 2-8	U-37355	43-047-31804	SEC 8, T-10-S, R-23-E
Canyon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-36213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38419	43-047-30382	SEC 6, T-10-S, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16880	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38425	43-047-30423	SEC 11, T-10-S, R-23-E
Cliff Edge 1-16	U-38427	43-047-30462	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30524	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Peter's Flat Fed 1-1	U-40736	43-047-30598	SEC 1, T-10-S, R-23-E
Shepherd Fed 1-10	U-38281	43-047-30599	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30580	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31775	SEC 27, T-11-S, R-20-E
East Bench #1	U-25860	43-047-31778	SEC 33, T-11-S, R-22-E
Lizzard Creek 1-10	U-26860	43-047-31476	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-8346	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-15	U-38428	43-047-31278	SEC 15, T-10-S, R-23-E
Lafica 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30706	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30817	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30836	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30840	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (AKA)	U-0142176	43-047-16800	SEC 3, T-7-S, R-21-E

**SNYDER OIL CORPORATION**

1625 Broadway, Suite 2200  
Denver, Colorado 80202  
Phone 303-592-8579

FEB 07 1994

January 13, 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator  
Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,



Steven G. Van Hook  
Attorney-in-Fact

Enclosures

**COPY**

Bureau of Land Management  
Branch of Fluid Minerals  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

JUN - 1994

OFFICE OF THE ASSISTANT ATTORNEY GENERAL

June 3, 1994

Snyder Oil Corporation  
777 Main Street, Suite 2500  
Fort Worth, Texas 76102

RE: Cottonwood Wash Unit  
Uintah County, Utah

Gentlemen:

On June 1, 1994, we received an indenture dated January 14, 1994, whereby Phoenix Hydrocarbons Operating Corporation resigned as Unit Operator and Snyder Oil Corporation was designated as Successor Unit Operator for the Cottonwood Wash Unit, Uintah County, Utah. The instrument is hereby approved effective June 3, 1994.

In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Cottonwood Wash Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 2272 will be used to cover all operations within the Cottonwood Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Division of Lands and Mineral Operations U-942  
File - Cottonwood Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron  
U-922:TAThompson:tt:06-02-94

Page No. 1  
06/03/94

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 8368706810									
8368706810	430473177400S1 1		SWNE	10	12S	21E	GSI	UTU40729	PHOENIX HYDROCARBONS OPER

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1- LEC	7-PL
2- LWP	8-SJ
3- <del>BTS</del>	9-FILE
4- VLC	
5- RJF	
6- LWP	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-94)

TO (new operator) SNYDER OIL CORPORATION  
(address) PO BOX 129  
BAGGS WY 82321  
KATHY STAMAN  
phone ( 307 ) 383-2800  
account no. N 1305

FROM (former operator) PHOENIX HYDRO OPER CORP  
(address) PO BOX 2802  
MIDLAND TX 79702  
RHONDA PATTERSON  
phone ( 915 ) 682-1186  
account no. N 9880

Well(s) (attach additional page if needed):

**\*COTTONWOOD WASH UNIT**

Name: <u>COTTONWOOD WASH U #1</u>	API: <u>43-047-31774</u>	Entity: <u>10754</u>	Sec <u>10</u> Twp <u>12S</u> Rng <u>21E</u>	Lease Type: <u>U40729</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 2-28-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 2-7-94)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-9-94)
- Lup 6. Cardex file has been updated for each well listed above. 6-9-94
- Lup 7. Well file labels have been updated for each well listed above. 6-9-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (6-9-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DCS  
6/11/94
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: June 14 1994.

### FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

946609 Btm/51 Aprv. eff. 6-3-94.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-40729	
<b>2. NAME OF OPERATOR</b> Snyder Oil Corporation		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>	
<b>3. ADDRESS OF OPERATOR</b> 1625 Broadway, Suite 2200 Denver, CO 80202 303-592-8668		<b>7. UNIT AGREEMENT NAME</b> Cottonwood Wash	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2284' FNL & 2287' FEL SW/NE		<b>8. FARM OR LEASE NAME</b> Cottonwood Wash Unit	
<b>14. API NUMBER</b> 43-047-31774		<b>9. WELL NO.</b> 1	
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 6084 GR		<b>10. FIELD AND POOL, OR WILDCAT</b>  Buck Canyon	
		<b>11. SEC., T., R., M., OR BLC. AND SURVEY OR AREA</b> Sec. 10-T12S-R21E	
		<b>12. COUNTY OR PARISH</b> Uintah	<b>13. STATE</b> Utah

<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	
(OTHER) Response to DNR letter of 2/19/99 <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

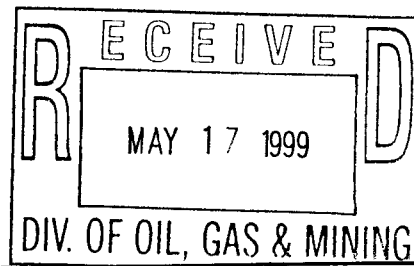
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Recent offset activity has been successful utilizing magnetic resonance imaging logs to identify pay. Snyder Oil Corporation is currently evaluating this wellbore for a potential recompletion using this improvement in technology.

Pressure measurements were taken in April 1999. The results are as follows:  
Bradenhead = 0 psi; Tubing = 0 psi; Casing = 0 psi

Presently, there is a packer in the wellbore isolating the casing from 5,470' to surface. Since there is no pressure on the casing or bradenhead, Snyder believes that the well has mechanical integrity. (See attached wellbore diagram.)

Snyder Oil Corporation requests an extension of the current well status.



18. I hereby certify that the foregoing is true and correct.  
SIGNED [Signature] TITLE Sr. Regulatory Specialist DATE 5/9/99  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_  
**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

COPY SENT TO OPERATOR  
Date: 5-19-99  
Initials: [Signature]

\* See Instructions On Reverse Side

Date: 5-19-99  
By: [Signature]

**Well: Cottonwood Wash  
Unit #1**  
SW NE Sec 10-T12S-R21E  
Uintah County, UT

Location: 2284' FNL, 2287' FEL  
Elevation: GL=6084', KB=6099'

Spud: 11/30/86  
TD: 12/17/86

**Wellbore Diagram**  
**3/11/99**  
Compiled by D. Morgan

Acidize w/ 1000 gal 7 1/2% HCl acid  
interval: 5555-5562, completed 3/17/87

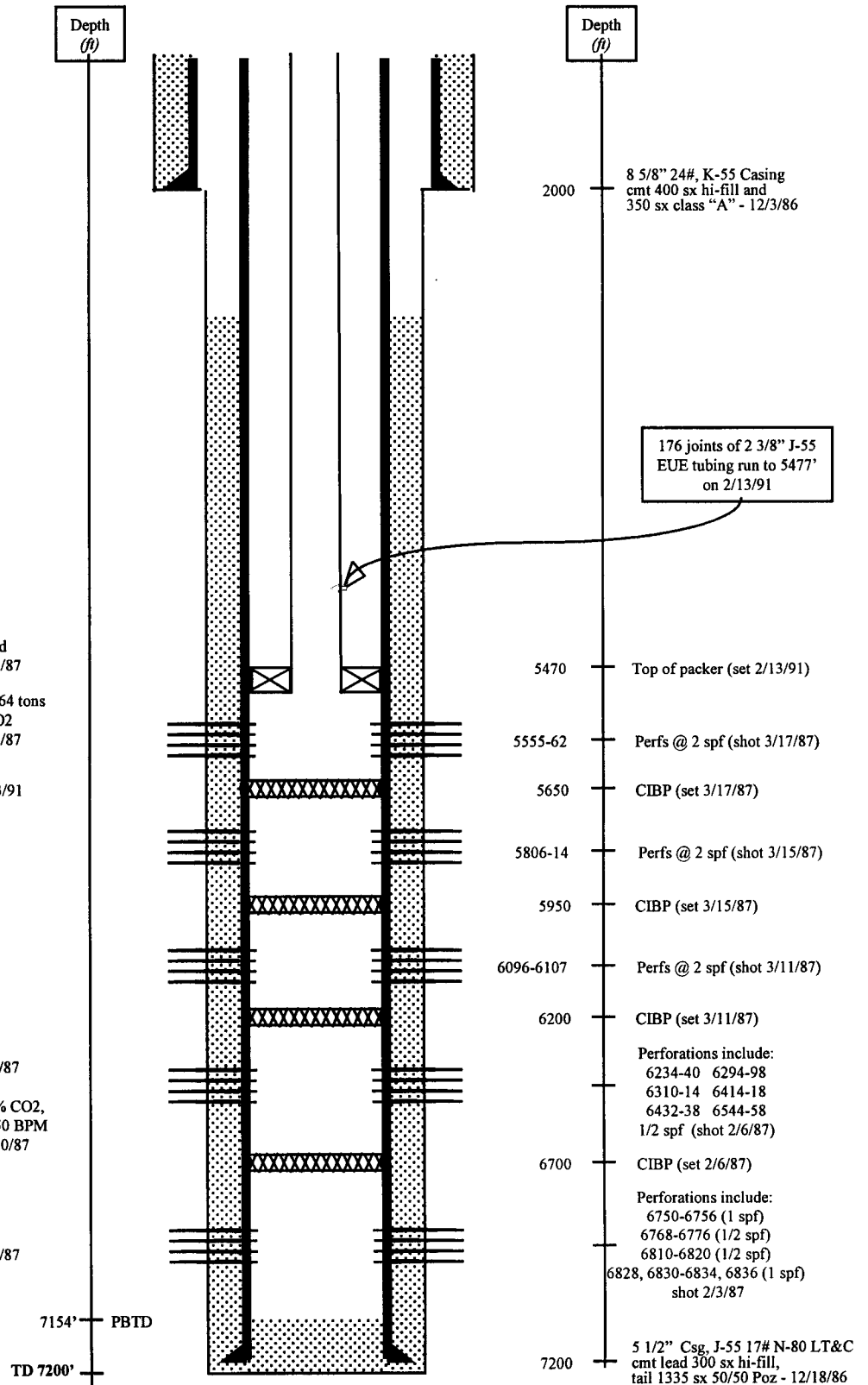
Frac w/ 54000# 20/40 mesh sand w/ 64 tons  
CO<sub>2</sub>, 29000 gal YF-4 gel 2/ 30% CO<sub>2</sub>  
interval: 5555-5562, completed 3/22/87

Acidize w/ 1500 gal 15% HCL  
interval: 5555-5562, completed 5/13/91

Acidize w/ 1500 gal 7 1/2% HCLd  
interval: 6234-6558, completed 2/7/87

Frac w/ 169,000# 20/40 sand & 30% CO<sub>2</sub>,  
75000 gal YFCO<sub>2</sub> D, 20/40 mesh 50 BPM  
interval: 6234-6836, completed 2/10/87

Acidize w/ 1500 gal 7 1/2% HCL  
interval: 6758-6836, completed 2/4/87



**Santa Fe Energy Resources, Inc.**

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203


RE: \$80,000 Surety Blanket P & A Bond #JZ7777

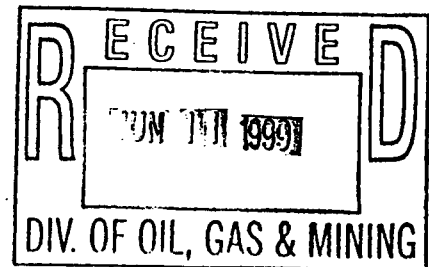
Dear Sir or Madam:

Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,

  
Phillip W. Bode



Enclosure



Snyder Oil Corporation  
Southern Region

1200 Smith, Suite 3300  
Houston, Texas 77002  
713-646-6600

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

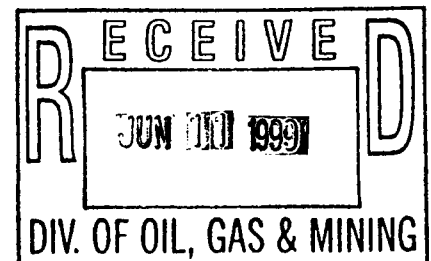
Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in black ink, appearing to read "Phillip W. Bode".

Phillip W. Bode

Enclosure

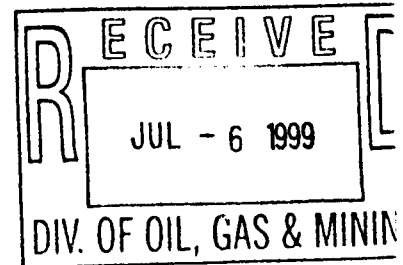




# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3106  
U-19037 et al  
(UT-932)

JUL 1 1999

### NOTICE

Santa Fe Snyder Corporation  
840 Gessner, Suite 1400  
Houston, TX 77024

Oil and Gas

### Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

Christopher J. Merritt

Christopher J. Merritt  
Acting Group Leader,  
Minerals Adjudication Group

### Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102  
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185  
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)

**SANTA FE LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

# SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

# SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

## **Santa Fe Snyder Corporation**

July 2, 1999

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

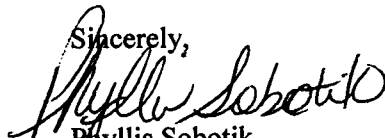
Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200  
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

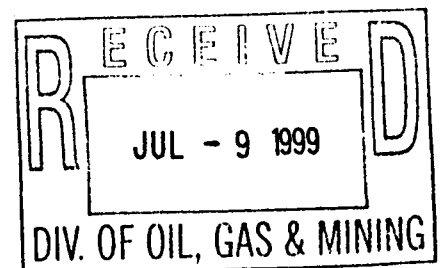
Sincerely,

  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps

Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500  
Fax 303/592-8600



State of Delaware  
Office of the Secretary of State

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PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

## **CERTIFICATE OF MERGER**

**Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks

Name: David L. Hicks

Title: Vice President — Law and  
General Counsel

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐

Oil  
Well

☐

Gas  
Well

☐

Other

See Attached List

2. Name of Operator

**Santa Fe Snyder Corporation**

Attn.: Phyllis Sobotik

3. Address and Telephone No.

**1625 Broadway, Suite 2200, Denver, CO 80202**

**303-592-8668**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

**See Attached List**

6. If Indian, Allottee or Tribe Name

**See Attached List**

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**See Attached List**

9. API Well No.

**See Attached List**

10. Field and Pool, or Exploratory Area

**See Attached List**

11. County or Parish, State

**See Attached List**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

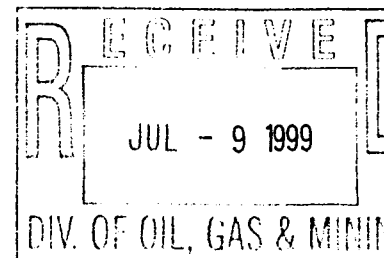
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

*Phyllis Sobotik*

Title

**Sr. Regulatory Specialist**

Date

**01-Jul-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
✓ Alger Pass #1			Alger Pass (Natural Buttes)	ACT	Uintah	SE/NE	2	11S	19E	ML 36213	STATE	43-047-31824	10828
✓ AnnaBelle #31-2J			Horseshoe Bend	ACT	Uintah	NW/SE	31	6S	21E	N/A	FEE	43-047-31698	10510
✓ Archy Bench State #1-2			Bitter Creek	INA	Uintah	NE/NE	2	11S	22E	ML 22348 A	STATE	43-047-31489	9871
Baser Draw Fed. #1C-31			Horseshoe Bend	ACT	Uintah	NE/SW	31	6S	22E	U 38411	FED	43-047-30831	2710
Baser Draw Fed. #2A-31			Horseshoe Bend	ACT	Uintah	SE/NE	31	6S	22E	U 31260	FED	43-047-30880	2710
Baser Draw Fed. #5-1			Horseshoe Bend	INA	Uintah	NW/NW	5	7S	22E	U 075939	FED	43-047-31833	10862
Baser Draw Fed. #6-1			Horseshoe Bend	ACT	Uintah	Lot 7	6	7S	22E	U 075939	FED	43-047-31834	10863
Baser Draw Fed. #6-2			Horseshoe Bend	ACT	Uintah	SW/NE	6	7S	22E	U 075939	FED	43-047-31859	10967
Bitter Creek #1-3			Bitter Creek	INA	Uintah	SW/NE	3	11S	22E	U 29797	FED	43-047-30524	1460
nanza Federal #3-15			Natural Buttes	ACT	Uintah	NE/NW	15	10S	23E	U 66406	FED	43-047-31278	8406
Canyon View #1-18			Natural Buttes	ACT	Uintah	SE/NW	18	10S	23E	U 38421	FED	43-047-30379	1485
Castle Peak #1-3			Monument Butte	INA	Duchesne	NE/NE	3	9S	16E	U 47172	FED	43-013-30639	1522
✓ Castle Peak State #32-16			Monument Butte (Castle Peak)	ACT	Duchesne	SW/NE	16	9S	16E	ML 16532	STATE	43-013-30650	445
✓ Castle Peak State #33-16			Monument Butte (Castle Peak)	ACT	Duchesne	NW/SE	16	9S	16E	ML 16532	STATE	43-013-30640	440
Cliff Edge #1-15			Natural Buttes	TAD	Uintah	NW/SE	15	10S	23E	U 66406	FED	43-047-30462	1524
Coors #14-1D			Horseshoe Bend	INA	Uintah	NW/NW	14	7S	21E	U 65223	FED	43-047-31304	11193
Coors Federal #2-10 (Federal 2-10HB)			Horseshoe Bend	INA	Uintah	SW/NE	10	7S	21E	U 65222	FED	43-047-32009	11255
Cotton Club #1			Horseshoe Bend	ACT	Uintah	NE/NE	31	6S	21E	U 31736	FED	43-047-31643	10380
Cottonwood Wash Unit #1			Buck Canyon	INA	Uintah	SW/NE	10	12S	21E	U 40729	FED	43-047-31774	10754
Crooked Canyon #1-17			Natural Buttes	TAD	Uintah	NE/NW	17	10S	23E	U 37355	FED	43-047-30369	1465
East Bench Unit #1			East Bench (Bench East)	INA	Uintah	NW/SE	33	11S	22E	U 61263	FED	43-047-31778	10795
East Gusher #2-1A			Gusher (Gusher East)	INA	Uintah	SE/SE	3	6S	20E	U 66746	FED	43-047-31431	11333
East Gusher #15-1A			Gusher (Gusher East)	ACT	Uintah	NE/NE	15	6S	20E	U 58007	FED	43-047-31900	11122
Federal #4-1			Horseshoe Bend	ACT	Uintah	NW/NW	4	7S	21E	U 28213	FED	43-047-31693	10196
Federal #4-2F			Horseshoe Bend	ACT	Uintah	SW/NW	4	7S	21E	U 28213	FED	43-047-31853	10933
Federal #5-5H			Horseshoe Bend	ACT	Uintah	SE/NE	5	7S	21E	U 66401	FED	43-047-31903	11138
Federal 11-1M & K1			Gusher (Horseshoe Bend)	INA	Uintah	SW/SW	11	6S	20E	U 20252	FED	43-047-32333	11443
Federal #21-1P			Horseshoe Bend	ACT	Uintah	SE/SE	21	6S	21E	U 30289	FED	43-047-31647	1316
Federal #33-1I			Horseshoe Bend	ACT	Uintah	NE/SE	33	6S	21E	U 44210	FED	43-047-31468	9615
Federal #33-2B			Horseshoe Bend	INA	Uintah	NW/NE	33	6S	21E	U 44210	FED	43-047-31621	9616
Federal #33-4D	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NW	33	6S	21E	U 44210	FED	43-047-31623	12323
Federal #34-2K			Horseshoe Bend	ACT	Uintah	NE/SW	34	6S	21E	U 63861	FED	43-047-31467	10550
Federal Miller #1			Horseshoe Bend	ACT	Uintah	NW/SW	4	7S	22E	U 0136484	FED	43-047-30034	2750
Flat Mesa #1-7			Natural Buttes	INA	Uintah	NW/SE	7	10S	23E	U 38420	FED	43-047-30365	1505
Flat Mesa #2-7			Natural Buttes	ACT	Uintah	SE/NW	7	10S	23E	U 38420	FED	43-047-30545	1506
✓ Gusher Unit #3			Gusher (Gusher East)	ACT	Uintah	NW/NE	10	6S	20E	ML 06584	STATE	43-047-15590	10341
Horseshoe Bend #2			Horseshoe Bend	INA	Uintah	NW/NE	3	7S	21E	U 0142175	FED	43-047-15800	11628
Horseshoe Bend #4			Horseshoe Bend	INA	Uintah	SE/NW	3	7S	21E	U 0142175	FED	43-047-15802	1315

## OPERATOR CHANGE WORKSHEET

Routing:

<del>1-KDR</del>	6-KAS
<del>2-CLH</del>	7-SJ TP
3-JRB	8-FILE
<del>4-CDW</del>	9- <del>FILE</del>
5-KDR ✓	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☒ Operator Name Change Only (MERGER)The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator)

SANTE FE SNYDER CORPORATION

FROM: (old operator)

SNYDER OIL CORPORATION

(address)

P.O. BOX 129

(address)

P.O. BOX 129BAGGS, WYOMING 82321BAGGS, WYOMING 82321Phone: (307) 383-2800Phone: (307) 383-2800Account no. N2000 (6-24-99)Account no. N1305

WELL(S) attach additional page if needed:

\*HORSESHOE BEND, LOVE, EAST BENCH &amp; WALKER HOLLOW UNITS

name: <u>*SEE ATTACHED*</u>	API: <u>43-097-31729</u>	Entity: <u>10</u> S <u>12</u> T <u>21</u> R	Lease: _____
name: _____	API: _____	Entity: _____ S _____ T _____ R	Lease: _____
name: _____	API: _____	Entity: _____ S _____ T _____ R	Lease: _____
name: _____	API: _____	Entity: _____ S _____ T _____ R	Lease: _____
name: _____	API: _____	Entity: _____ S _____ T _____ R	Lease: _____
name: _____	API: _____	Entity: _____ S _____ T _____ R	Lease: _____
name: _____	API: _____	Entity: _____ S _____ T _____ R	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 6.11.99)
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 6.11.99)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #011879
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. (Rec'd 7.6.99)
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (7.12.99)
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above. (new system)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8.2.99)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- JS 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- JS 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- JS 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.  
(Rec'd 6.11.99 #J27777)
- JS 2. A copy of this form has been placed in the new and former operator's bond files.
- JS 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- JS 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- JS 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- KS 1. All attachments to this form have been microfilmed. Today's date: 9-28-99.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

**U-40729**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**Cottonwood Wash Unit**

8. Well Name and No.

**Cottonwood Wash #1**

9. API Well No.

**43-047-31774**

10. Field and Pool, or Exploratory Area

**Wildcat**

11. County or Parish, State

**Utah**

**Utah**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)

**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW/NE Sec. 10, T12S, R21E**

**2284' FNL, 2287' FEL**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other \_\_\_\_\_

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**Coastal Oil & Gas Corporation requests Authorization to Plug & Abandon the Subject well.**

**Please refer to the attached P&A procedure.**

COPY SENT TO OPERATOR

Date: 11-17-00  
Initials: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 11/17/2000  
By: John R. Boye

RECEIVED

NOV 16 2000

OFFICE OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Cheryl Cameron**

Title

**Sr. Regulatory Analyst**

Date **11/3/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Plug & Abandon Procedure

Cottonwood Wash #1  
Section 10 - T12S - 21E  
Uintah County, UT  
October 25, 2000

ELEVATION: 6084' GL 6099' KB  
TOTAL DEPTH: 7130' PBTD: 6690'  
CASING: 5 1/2", 17#, N-80 LT&C @ 7130'  
TUBING: 174 JTS 2-3/8" EUE J-55, NC  
EXISTING PERFORATIONS: Wasatch:  
5555'-5562', 5806'-5814', 6096'-6107', 6234'-40', 6294'-6314',  
6414'-16', 6432'-38', 6544'-58'  
Mesaverde:  
6750-56', 6768-76', 6810-20', 6828-36'

Note: Well produced 1/4 gr. H2S per 100 CF of gas - See attached record. Wear appropriate safety gear during workover.

### TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7700	8100	1.901"	0.00387	0.1624
8 5/8" 24# J-55	2,950	1,370	7.972"	0.0636	2.6749
5 1/2" 17# J-55	5,320	4,910	4.767"	0.0232	0.9764
5 1/2" x 8 5/8" annulus	---	---	---	0.0343	1.4407

### PROCEDURE

1. Notify BLM/State 24 hours before MI&RU to P&A.
2. MI & RU work-over unit. ND well head & NUBOP. POOH w/ 2-3/8" tubing.
3. RU wireline unit & set CIBP @ 5500'.

RECEIVED  
OCT 25 2000  
C/O, C&G AND S&G

- Note: mix cement @ 15.8 ppg.**

**Approvals:**

**Prod. Manager.**

L.C. Pritchett  
11/1/00

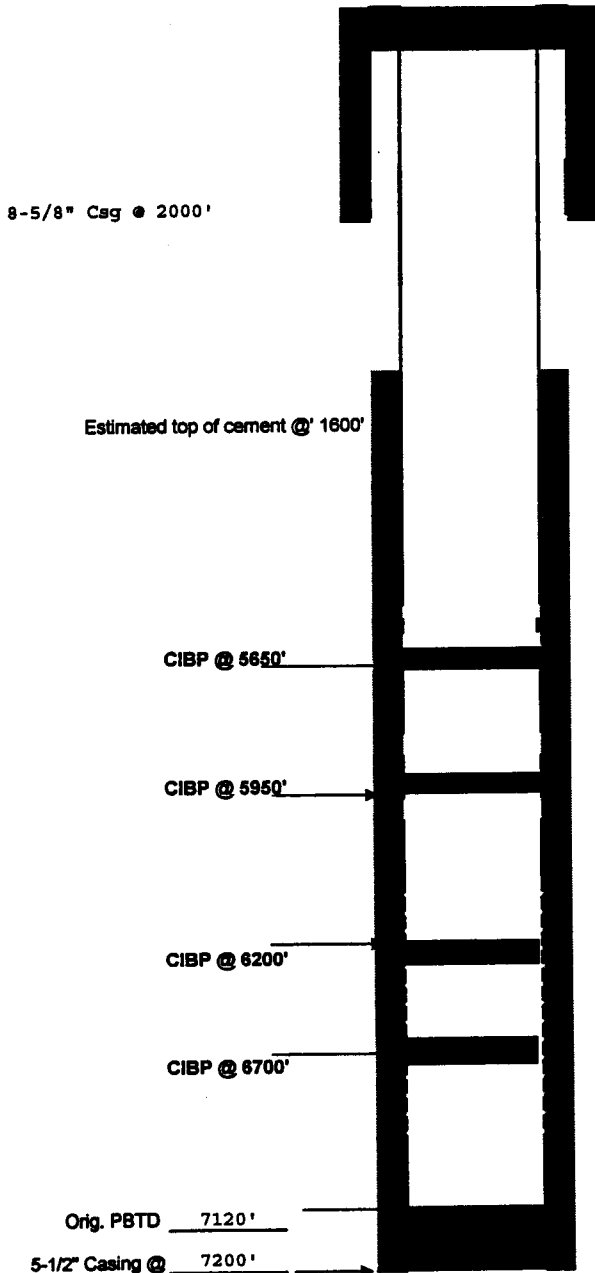
## Tech Mgr.

**VP**

1. DATE  
 2. TIME  
 3. LOCATION  
 4. CH. CHIEF

# Before P&A Wellbore Diagram

DATE: 10/26/00 WELL: Cottonwood Wash #1 COUNT: Uintah SEC: 10  
 FOREMAN: \_\_\_\_\_ FIELD: Buck Canyon STATE: Utah TWS: 12  
 KB: 11.00 RIG No: \_\_\_\_\_ RGE: 21



## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	2000'
5-1/2"	17#	J-55	8 rd	0	7200'

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8-R	0	5438'

JTS	PSN	TAC	MUD ANCHOR
			Size
			Length

## SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

## ROD GUIDE PLACEMENT (DESCRIBE):

## PUMP DATA:

MANUFR	SIZE	DESCR
SPM		SL

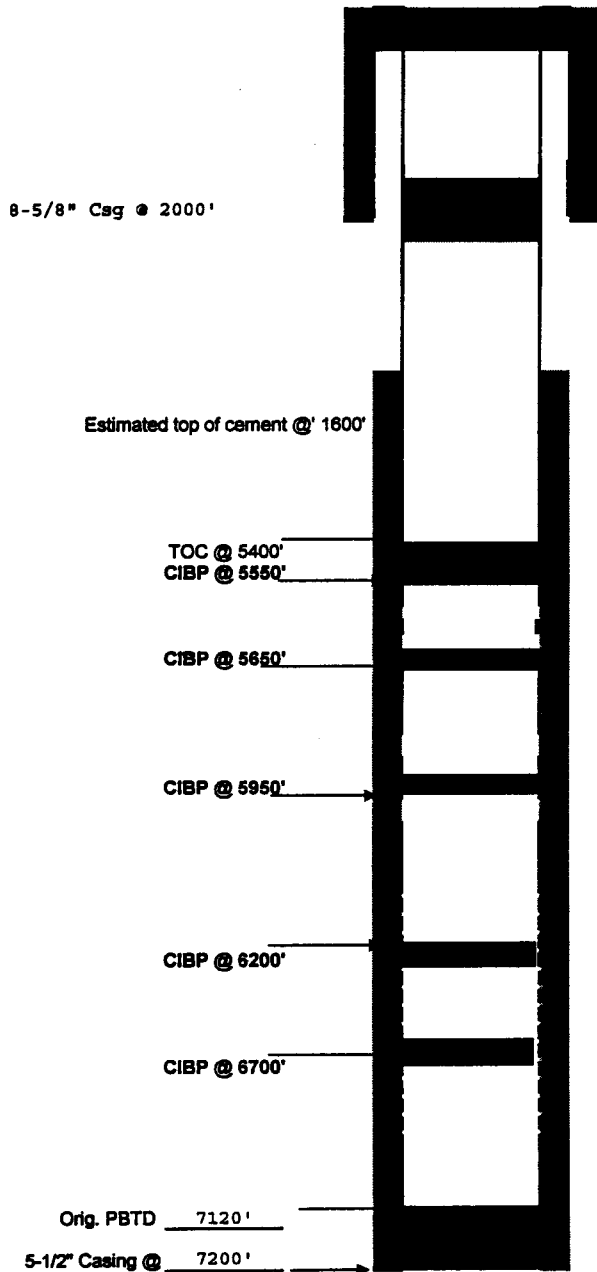
## COMMENTS/PERFORATIONS:

Perfs: 5555'-62', 5806'-14', 6096'-6107', 6234'-40', 6294'-6314',  
 6414'-16', 6432'-38', 6544'-58', 6750'-56',  
 6768'-76', 6810'-20', 6828'-36'

10/26/00  
 10:12:11  
 C:\P&A\1000

# After P&A Wellbore Diagram

DATE: 10/26/00 WELL: Cottonwood Wash #1 COUNT: Uintah SEC: 10  
 FOREMAN: \_\_\_\_\_ FIELD: Buck Canyon STATE: Utah TWS: 12  
 KB: 11.00 RIG No: \_\_\_\_\_ RGE: 21



## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	2000'
5-1/2"	17#	J-55	8 rd	0	7200'

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8-R	0	5438'

JTS	PSN	TAC	MUD ANCHOR
			Size Length

## SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

ROD GUIDE PLACEMENT (DESCRIBE):

## PUMP DATA:

MANUFR	SIZE	DESCR
SPM		SL

## COMMENTS/PERFORATIONS:

Perfs: 5555'-62', 5806'-14', 6096'-6107', 6234'-40', 6294'-6314',  
 6414'-16', 6432'-38', 6544'-58', 6750'-56',  
 6768'-76', 6810'-20', 6828'-36', 2200'

10/26/00  
 10/26/00  
 CIL, CIL, CIL, CIL

CONTRACT LINE PRESSURE \_\_\_\_\_

TREATING \_\_\_\_\_

COMPRESSION 3% per stage of the net weighted average sales price \_\_\_\_\_

DEHYDRATION \_\_\_\_\_

## MEASUREMENT

BY Buyer \_\_\_\_\_ PRESSURE BASE &amp; TEMP. 60°F \_\_\_\_\_

ASSUMED ATMOSPHERIC PRESSURE 11.5 psi \_\_\_\_\_

TEMPERATURE recording thermometer \_\_\_\_\_

GRAVITY recording gravitometer \_\_\_\_\_

HEAT VALUE \_\_\_\_\_

DETERMINED AT \_\_\_\_\_ PSIA AT 60°F \_\_\_\_\_

ACTUAL WATER VAPOR \_\_\_\_\_

SATURATED \_\_\_\_\_

AS DELIVERED \_\_\_\_\_

METER ERROR Above 2% \_\_\_\_\_

## QUALITY

MAXIMUM H<sub>2</sub>S ½ gr. per 100 CF \_\_\_\_\_

MAXIMUM TOTAL SULFUR 20 grs. per 100 CF \_\_\_\_\_

MAXIMUM CO<sub>2</sub> 5% \_\_\_\_\_MAXIMUM O<sub>2</sub> 0.2 of 1% by volume \_\_\_\_\_

MINIMUM TEMPERATURE \_\_\_\_\_ MAXIMUM TEMPERATURE 120°F \_\_\_\_\_

MINIMUM BTU 1,000 \_\_\_\_\_ MAXIMUM BTU \_\_\_\_\_

MINIMUM WATER VAPOR 7# \_\_\_\_\_

INTERCHANGEABILITY FACTOR \_\_\_\_\_

## SELLER'S RESERVATIONS

☒ GAS LESSOR IS ENTITLED TO UNDER LEASE  
☒ RIGHT TO POOL OR UNITIZE  
☒ GAS FOR LEASE USE AND DEVELOPMENT  
☒ RIGHT TO OPERATE WELLS FREE OF CONTROL BY BUYER  
☒ RIGHT TO PROCESS - \_\_\_\_\_

## PAYMENT

PROCEEDS DISTRIBUTED BY EPO \_\_\_\_\_

EEI TO RECEIVE NET PROCEEDS \_\_\_\_\_ GROSS PROCEEDS X \_\_\_\_\_

TAXES REMITTED BY EPO \_\_\_\_\_

VOLUME STATEMENTS FURNISHED TO EEI BY Buyer \_\_\_\_\_

FILED  
JAN 10 1963  
CHICAGO, ILL.

API Well No: 43-047-31774-00-00

Permit No:

Well Name/No: COTTONWOOD WASH U 1

Company Name: COASTAL OIL &amp; GAS CORP

Location: Sec: 10 T: 12S R: 21E Spot: SWNE

Coordinates: X: 4405137 Y: 624026

Field Name: BUCK CANYON

County Name: Uintah

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	2000	12.25		
SURF	2000	8.625	24	2000
HOL2	7200	7.875		
PROD	7200	5.5	17	7200
T1	5050	2.375		

Hole: 12.25 in. @ 2000 ft.

Surface: 8.625 in. @ 2000 ft.

③ Circ. 50' surf. plug.  
 ② Perf @ 2200', squeeze cnt.,  
 spot 25 sk plug  
 1900 - 2100'

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	7200	0	LT	300
PROD	7200	0	PC	1335
SURF	2000	0	LT	400
SURF	2000	0	A	350

## Perforation Information

Washed: 5555' - 5562'  
 5806' - 5814'  
 6096' - 6107'  
 6234' - 6240'  
 6294' - 6314'  
 6414' - 6416'  
 6432' - 6438'  
 6544' - 6558'

Aluminum: 6750' - 6756'  
 6768' - 6776'  
 6810' - 6820'  
 6828' - 6836'

① CIBP @ 5100', spot cnt.  
 on top to 5400'

Tubing: 2.375 in. @ 5050 ft.

Production: 5.5 in. @ 7200 ft.

## Formation Information

Formation	Depth	Formation	Depth
GRRV	340		
WSTC	3404		
MVRD	5913		

TD: 7200 TVD: 7130

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Coastal Oil &amp; Gas Corporation

## 3a. Address

P.O. Box 1148, Vernal UT 84078

## 3b. Phone No. (include area code)

(435) 781-7023

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE Sec. 10, T12S, R21E  
2284' FNL & 2287' FEL

## 5. Lease Serial No.

U-40729

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA/Agreement, Name and/or No.

Cottonwood Wash Unit

## 8. Well Name and No.

Cottonwood Wash #1

## 9. API Well No.

43-047-31774

## 10. Field and Pool, or Exploratory Area

Wildcat

## 11. County or Parish, State

Uintah UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |                                               |                                           |                                                    |                                         |
|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete     | <input type="checkbox"/> Other _____    |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                         |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                         |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

The Cottonwood Wash #1 was drilled to 7200' and completed in the Wasatch formation. The well initially produced approximately 740 mcf/d and 96 bwpd. Due to the excessive water, production dropped off to less than 30 mcf/d. Additional zones were completed in the Wasatch, but excessive water production resulted in the well not being economic.

Attached is a recompletion procedure that adds two zones, which are to be swabbed tested before a decision is made whether or not to stimulate those zones.

The subject well currently does not have a pipeline, and the production results from this well will determine if the economics justify laying a pipeline.

Operations are estimated to commence by mid March, 2001.

## COPIES TO OPERATOR

2-28-01  
CHDFederal Approval Of This  
Action Is NecessaryAccepted by the  
Utah Division of  
Oil, Gas and Mining

FEB 27 2001

DIVISION OF

Date: 2/28/01 OIL, GAS AND MINING

By: R. A. L. M. V.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Cheryl Cameron

## Title

Senior Regulatory Analyst

Date 2/22/01

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

## Title

## Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

## Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Cottonwood Wash #1 Recompletion

Section 10 – T12S – 21E  
Uintah County, UT  
January 24, 2001

ELEVATION: 6084' GL 6099' KB  
TOTAL DEPTH: 7130' PBTD: 6690'  
CASING: 5 1/2", 17#, N-80 LT&C @ 7130'  
TUBING: 174 JTS 2-3/8" EUE J-55, NC  
EXISTING PERFORATIONS: Wasatch:  
5555'-5562', 5806'-5814', 6096'-6107', 6234'-40', 6294'-6314',  
6414'-16', 6432'-38', 6544'-58'  
Mesaverde:  
6750-56', 6768-76', 6810-20', 6828-36'

Note: Well produced 1/4 gr. H<sub>2</sub>S per 100 CF of gas – See attached record. Wear appropriate safety gear during workover.

### TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7700	8100	1.901"	0.00387	0.1624
5 1/2" 17# J-55	5,320	4,910	4.767"	0.0232	0.9764

### PROCEDURE

1. MI & RU workover unit. Flow/kill well. ND wellhead & NU BOP. POOH w/ 2-3/8" tubing.
2. RU wireline unit & set CIBP @ 5500'.
3. RIH with 4-3/4" bit and scraper. Rotate scraper from 3800' to 4100'. POOH.
4. Perforate 3996' – 4006', 4 spf (40 holes), 4" gun, 39 gm charge, and 90 degree phasing.
5. Perforate 3935' – 3945', 4 spf (40 holes), 4" gun, 39 gm charge, and 90 degree phasing.
6. RIH with RBP and packer on 2-3/8" tubing. Set RBP at 4035' and packer at 3980'.

**RECEIVED**

FEB 27 2001

DIVISION OF  
OIL, GAS AND MINING

7. Break down perforations with 300 gal. 15% HCL at 5 bpm. Pump a total of 35 bbls of 2% KCL water behind acid. Record ISIP, 5 min, 10 min, and 15 min pressures. Release pressure.
8. Move RBP to 3980' and packer to 3900'. Break down perforations with 300 gal. 15% HCL at 5 bpm. Pump a total of 35 bbls of 2% KCL water behind acid. Record ISIP, 5 min, 10 min, and 15 min pressures. Release pressure.
9. Swab test zone at 3935' – 3945'. Discuss results with Production Engineer/Manager.
10. Move RBP to 4035' and packer to 3980'. Swab test zone at 3996' – 4006'. Discuss results with Production Engineer/Manager. **Remainder of procedure assumes results from swab showed both zones are not "wet".** POOH with packer and RBP.
11. RIH with notched collar, 1 jt 2-3/8" tubing, SN, and 2-3/8" tubing to 3835'. ND BOP and NU wellhead.
12. Frac well triple entry at 30-40 bpm using 96,600 lbs of 20/40 Ottawa sand and 1100 bbls of 70/30 quality C02/(40 lb linear gel system).

STAGE	GEL	CLEAN VOLUME (GAL)	CLEAN VOLUME (BBLs)	CUM. CLEAN (BBLs)	PROP (LBS)	CUM. PROP (LBS)	PROP TYPE
Pad	WF140	10,500	250.0	250.0	0	0	
1 ppg	WF140	4,200	100.0	350.0	4,200	4,200	20/40 Ottawa
2 ppg	WF140	8,400	200.0	550.0	16,800	21,000	20/40 Ottawa
3 ppg	WF140	16,800	400.0	950.0	50,400	71,400	20/40 Ottawa
4 ppg	WF140	6,300	150.0	1100.0	25,200	96,600	20/40 Ottawa
Flush	Slick Wtr						

13. Flow well back at 2-3 bpm. Flow well back all night.

14. POP or swab as required.

KAM

Approvals: Prod. Manager *J.C. Pugh* Tech Mgr. \_\_\_\_\_ VP \_\_\_\_\_

*1/23/01*

**RECEIVED**

FEB 27 2001

DIVISION OF  
OIL, GAS AND MINING

# ottonwood Wash #1

DATE: 01/23/01 WELL: Cottonwood Wash #1 COUNT: Uintah SEC: 10  
 FOREMAN: \_\_\_\_\_ FIELD: Buck Canyon STATE: Utah TWS: 12  
 KB: 11.00 RIG No: \_\_\_\_\_ RGE: 21

## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	2000'
5-1/2"	17#	J-55	8 rd	0	7200'

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8-R	0	5438'

JTS	PSN	TAC	MUD ANCHOR
			Size Length

## SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

## ROD GUIDE PLACEMENT (DESCRIBE):

## PUMP DATA:

MANUFR	SIZE	DESCR
SPM		SL

## COMMENTS/PERFORATIONS:

Perfs: 5555'-62', 5806'-14', 6096'-6107', 6234'-40', 6294'-6314',  
 6414'-16', 6432'-38', 6544'-58', 6750'-56',  
 6768'-76', 6810'-20', 6828'-36'

8-5/8" Csg @ 2000'

Estimated top of cement @' 1600'

CIBP @ 5650'

CIBP @ 5950'

CIBP @ 6200'

CIBP @ 6700'

Orig. PBTD 7120'

5-1/2" Casing @ 7200'

RECEIVED

FEB 27 2001

DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: UTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

## Results of query for MMS Account Number 83687U6810

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Qu
Production	4304731774	COASTAL OIL & GAS CORPORATION	1 COTTONWOOD WASH	GSI	UTU40729	83687U6810	12S	21E	10	SW

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

*Cottonwood Wash  
Unit*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

### Name Change Recognized

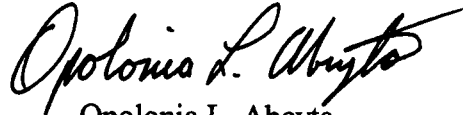
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DRCM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

## X Merger

[illegible]

1.	(R649-8-10) Sundry or legal documentation was received from the <b>FORMER</b> operator on:	<u>06/19/2001</u>
2.	(R649-8-10) Sundry or legal documentation was received from the <b>NEW</b> operator on:	<u>06/19/2001</u>
3.	The new company has been checked through the <b>Department of Commerce, Division of Corporations Database</b> on:	<u>06/21/2001</u>
4.	Is the new operator registered in the State of Utah:	YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/16/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/16/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5409

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203**  
**BLM Nationwide Bond 158626364**  
**Surety - Continental Casualty Company**  
**Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.**  
**Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.**  
**Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

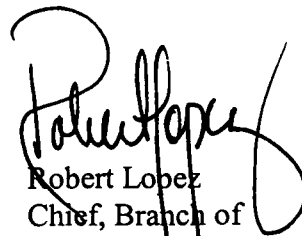
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148 Vernal, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SW/NE Section 10 - T12S - R21E  
2284' FNL & 2287' FEL**

5. Lease Serial No.

**U-40729**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**Cottonwood Wash Unit**

8. Well Name and No.

**Cottonwood Wash Unit 1**

9. API Well No.

**43-047-31774**

10. Field and Pool, or Exploratory Area

**Wildcat**

11. County or Parish, State

**Uintah, UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**Well shut in 03/07/01**

**RECEIVED**

**Please refer to the attached chronological well history**

**MAR 19 2001**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**Cheryl Cameron**

Title

**Senior Regulatory Analyst**

Signature

Date

**March 9, 2001**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

COTTONWOOD WASH #1

HORSESHOE BEND FIELD  
UINTAH COUNTY, UT

WI: 100%

PBTD: 6,690' PERFS:

CSG: 5 1/2", 17#, N-80, LT&C @ 7130' 8/8THS

SPUD DATE:

AFE DESCR, AFE: AFE# 051245  
FORMATION:

- 3/01/01      **PREP TO PERF & BRK DN**  
PROG: MIRU POOH W/2 3/8" TBG & BAKER R-3 PKR. RIH W/ 4 1/4" MILL TOOTH BIT & SCRAPER. EOT @ 3801'.
- 3/02/01      **PREP TO BRK DN PERFS**  
PROG: CO TO 5539'. RIH & SET CIBP @ 5490'. PERF WASATCH 3996' TO 4006', 4 SPF, 40 HOLES & 3935'-3945', 4 SPF, 40 HOLES. RIH W/5 1/2" RBP & PKR. SET RBP @ 4062'. SET PKR @ 4046'. PRESS TEST RBP TO 1000#. HELD. RLS PKR & PU TO 3860'.
- 3/5/01      **SWABBING**  
3/3/01 PROG: SET PKR @ 3979'. BRK DN WASATCH PERFS 3996'-4006' (40 HOLES) W/7 BBLS 15% HCL. BRK W/2250# @ 1 BPM. PMP 35 BBLS 2% KCL W/2520# @ 5BPM - ISIP: 1598#, FG: 0.84. RESET RBP @ 3984' & PKR @ 3920'. BRK DN WASATCH PERFS 3935'-3945' (40 HOLES) W/7 BBLS 15% HCL. BRK W/2568# @ 1 BPM. PMP 35 BBLS 2% KCL W/2690# @ 5 BPM. ISIP: 1341#, FG: 0.78. RU SWAB EQUIP. STACK OUT @ 600'. RESET PKR @ 3918'. MADE 14 SWAB TRIPS. IFL: SURF, FFL: 1200', REC: 127 BW, LLTR: 42 BBLS.  
ACT: PREP TO SWAB TEST 2<sup>ND</sup> ZONE.  
3/4/01 PROG: MADE 34 SWAB TRIPS. IFL: 300', FFL: 1200'. RECOVER: 314 BW (272 BBLS OVER LOAD). CLEAN WTR, NO GAS.
- 3/6/01      **PREP TO RDMO**  
PROG: RESET RBP @ 4047' & PKR @ 3981' (SN @ 3948'). MADE 35 SWAB TRIPS. IFL: 300', FFL: 2700'. RECOVER 156 BW (386 BBLS OVERLOAD). NO GAS.
- 3/7/01      **PREP TO P&A**  
PROG: RLS PKR & RBP. POOH & LD TOOLS. RIH W/NC, SN & 2 3/8" TBG. LAND TBG @ 5477', SN@ 5446'. **FINAL REPORT.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

U-40729

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Cottonwood Wash Unit

8. Well Name and No.

Cottonwood Wash Unit 1

9. API Well No.

43-047-31774

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

EL PASO PRODUCTION OIL & GAS COMPANY

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE 2284' FNL & 2287' FEL

Sec. 10, T12S, R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

It has been determined that the subject well is to be Plugged & Abandoned after the unsuccessful Wasatch Re-completion attempt in March, 2001, and shut-in.

The original Plugging & Abandonment request was approved by the Bureau of Land Management on 2/7/01, and approved by the State of Utah, DOGM on 11/17/00.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**RECEIVED**

Attached you will find the revised P&A Procedure.

**Federal Approval Of This  
Action Is Necessary**

Date: 7/2/2002

By: [Signature]

JUL 01 2002

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cheryl Cameron

Signature

Title

Operations

Date

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

**COPY SENT TO OPERATOR**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 7-2-02  
Initials: CMC

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## Plug & Abandon Procedure

Cottonwood Wash #1  
Section 10 - T12S - 21E  
Uintah County, UT  
April 2, 2001

ELEVATION: 6084' GL 6099' KB  
TOTAL DEPTH: 7130' PBTD: 6690'  
CASING: 5 1/2", 17#, N-80 LT&C @ 7130'  
TUBING: 174 JTS 2-3/8" EUE J-55, NC  
EXISTING PERFORATIONS: Wasatch:  
3935' - 3945', 3996' - 4006', 5555' - 5562', 5806' - 5814', 6096' - 6107',  
6234' - 40', 6294' - 6314', 6414' - 16', 6432' - 38', 6544' - 58'  
Mesaverde:  
6750-56', 6768-76', 6810-20', 6828-36'

Note: Well produced 1/4 gr. H2S per 100 CF of gas - See attached record. Wear appropriate safety gear during workover.

### TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7700	8100	1.901"	0.00387	0.1624
8 5/8" 24# J-55	2,950	1,370	7.972"	0.0636	2.6749
5 1/2" 17# J-55	5,320	4,910	4.767"	0.0232	0.9764
5 1/2" x 8 5/8" annulus	—	—	—	0.0343	1.4407

### PROCEDURE

1. Notify BLM/State 24 hours before MI&RU to P&A.
2. MI & RU work-over unit. ND well head & NUBOP. POOH w/ 2-3/8" tubing.
3. RU wireline unit & set CIBP @ 3900'.

4. RIH w/ tubing. Spot 12 sx class G cement on top of CIBP, TOC +/- 3800'. PU to 3700' and reverse clean. Spot 9.0 ppg fluid from 3700' to 2200'. POOH w/ tubing.
5. Perforate 5-1/2" casing @ 2200'. Perform injection test to 1000 psi; communicate pressure and rate to BLM. If pressure test not adequate, squeeze cementing will be required; if pressure test adequate, PU to 2100' and spot 25 sk. cement plug to 1900'.
6. RIH w/ tubing to 50' and circulate cement to surface.
7. Cut off casing 3' below GL. Run 1" tubing down 8-5/8" x 5-1/2" annulus & circulate cement to surface.
8. Weld on dry hole marker, clean up and rehab location.

Note: mix cement @ 15.8 ppg.

KAM

Approvals: Eng. Manager

*J.C. Pelt*  
4/2/01

Tech. Dir.

VP

# Before P&A Wellbore Diagram

DATE: 04/02/01 WELL: Cottonwood Wash #1 COUNT Uintah SEC: 10  
 FOREMAN: \_\_\_\_\_ FIELD: Buck Canyon STATE: Utah TWS: 12  
 KB: 11.00 RIG No: \_\_\_\_\_ RGE: 21

8-5/8" Csg @ 2000'

Estimated top of cement @' 1600'

CIBP @ 5650'

CIBP @ 5950'

CIBP @ 6200'

CIBP @ 6700'

Orig. PBTD 7120'

5-1/2" Casing @ 7200'

## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	2000'
5-1/2"	17#	J-55	8 rd	0	7200'

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8-R	0	5438'

JTS	PSN	TAC	MUD ANCHOR
			Size
			Length

## SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

ROD GUIDE PLACEMENT (DESCRIBE):

## PUMP DATA:

MANUFR	SIZE	DESCR
SPM		SL

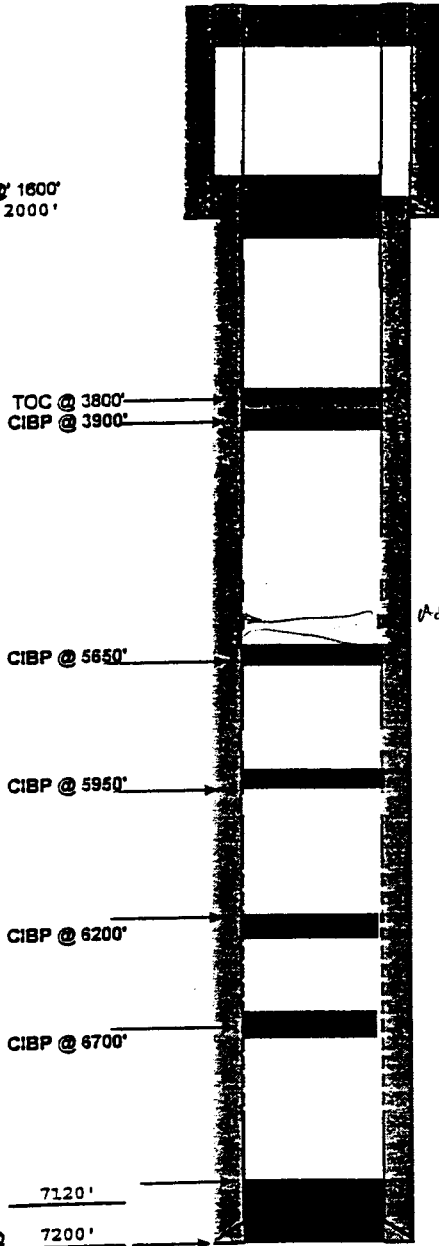
## COMMENTS/PERFORATIONS:

Perfs: 3935' - 3945', 3996' - 4006', 5555' - 62', 5806' - 14',  
 6096' - 6107', 6234' - 40', 6294' - 6314', 6414' - 16', 6432' - 38',  
 6544' - 58', 6750' - 56', 6768' - 76', 6810' - 20', 6828' - 36'

# After P&A Wellbore Diagram

DATE: 04/02/01 WELL: Cottonwood Wash #1 COUNT: Uintah SEC: 10  
 FOREMAN: \_\_\_\_\_ FIELD: Buck Canyon STATE: Utah TWS: 12  
 KB: 11.00 RIG No: \_\_\_\_\_ RGE: 21

ted top of cement @ 1600'  
 8-5/8" Csg @ 2000'



## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8-5/8"	24#	J-55	8 rd	0	2000'
5-1/2"	17#	J-55	8 rd	0	7200'

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-3/8"	4.7#	J-55	8-R	0	5438'

JTS	PSN	TAC	MUD ANCHOR
			Size
			Length

## SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

GAS ANCHOR	Size	Length

## ROD GUIDE PLACEMENT (DESCRIBE):

## PUMP DATA:

MANUFR	SIZE	DESCR
SPM		SL

## COMMENTS/PERFORATIONS:

Perfs:	3935' - 3945', 3996' - 4006', 5555' - 62', 5806' - 14',
	6096' - 6107', 6234' - 40', 6294' - 6314', 6414' - 16', 6432' - 38',
	6544' - 58', 6750' - 56', 6768' - 76', 6810' - 20', 6828' - 36'

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

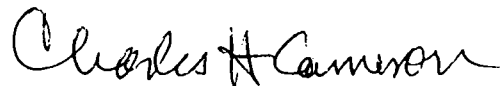
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono



# Results of query for MMS Account Number 83687U6810

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Qua
Production	4304731774	EL PASO PROD OIL & GAS CO	1 COTTONWOOD WASH	GSI	UTU40729	83687U6810	12S	21E	10	SWNE

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other **PLUGGED & ABANDONED**

2. Name of Operator  
**EL PASO PRODUCTION OIL & GAS COMPANY**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Serial No.  
**U-40729**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**COTTONWOOD WASH UNIT**

8. Well Name and No.  
**COTTONWOOD WASH UNIT 1**

9. API Well No.  
**43-047-31774**

10. Field and Pool, or Exploratory Area  
**WILDCAT**

11. County or Parish, State  
**UINTAH COUNTY, UT**

**SWNE 2284' FNL & 2287' FEL  
SEC. 10, T12S, R21E**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**THE SUBJECT WELL WAS PLUGGED & ABANDONED ON 12/18/02 AS FOLLOWS:**

**CMT PLUG F/ 3900-3642 W/ 30 SX CLASS G  
CMT PLUG F/ 2237-1710 W/ 50 SX CLASS G  
PUMP 30 SX CMT DOWN 8 5/8 X 5 1/2 ANNULUS, CIRC CMT TO SURFACE**

**WELD ON P&A MARKER**

**RECEIVED  
JAN 21 2003  
DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**CHERYL CAMERON**

Title

**OPERATIONS**

Signature

Date

**January 17, 2003**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.  
U-40729

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other **PLUGGED & ABANDONED**  
b. Type of Completion: ☐ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

El Paso Production Oil & Gas Company

3. Address

P.O. Box 1148, Vernal, UT 84078

3a. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

SWNE 2284' FNL & 2287' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

15. Date T.D. Reached

16. Date Completed

☐ D & A ☐ Ready to Prod.

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Cottonwood Wash Unit

8. Lease Name and Well No.

Cottonwood Wash Unit 1

9. API Well No.

43-047-31774

10. Field and Pool, or Exploratory  
Wildcat

11. Sec., T., R., M., or Block and  
Survey or Area Sec. 10, T12S, R21E

12. County or Parish

Uintah

13. State

UT

17. Elevations (DF, RKB, RT, GL)\*

18. Total Depth: MD  
TVD

19. Plug Back T.D.: MD  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☐ No ☐ Yes (Submit copy)

Was DST run? ☐ No ☐ Yes (Submit copy)

Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)						
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material

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JAN 21 2003

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
									PLUGGED & ABANDONED 12/18/02
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	

(See instructions and spaces for additional data on reverse side)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## PLUGGED &amp; ABANDONED

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

## 32. Additional remarks (include plugging procedure):

RECEIVED

JAN 21 2003

PLUGGED &amp; ABANDONED ON 12/18/02 P&amp;A DHD ATTACHED

DIV. OF OIL, GAS &amp; MINING

## 33. Circle enclosed attachments:

- |                                                       |                    |               |                       |
|-------------------------------------------------------|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cheryl CameronTitle OperationsSignature 

Date

17-Jan-03

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DATE: 12/18/02

WELL: C.W. #1

COUNTY: UINTAH

SEC: 10

FOREMAN: JEFF SAMUELS

FIELD: NBU

STATE: Utah

TWS: 12

RGE: 21

KB 15'

RIG No. Miles Well Svc #2  
Tool Psh Jon-e Miles

cmt plug f/ 75' to surf

## CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
8 5/8"	24#	k-55	8 rd	surf	2000'
5 1/2"	17#	k-55	8 rd	surf	7200'

8 5/8" surf csg 2000'

## TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
none					

JTS	PSN	TAC	MUD ANCHOR
			Size
			Length

## SUCKER ROD RECORD

NO	SIZE	GRADE	LENGTH	SUB'S (LIST)

cmt plug f/ 2237' to 1710'  
w/ 50 sks class g cmt

ROD ROTATOR Yes No

GAS ACHOR Size Length

ROD GUIDE PLACEMENT (DESCRIBE):

---



---



---

cmt plug f/ 3900' to 3642'  
w/ 30 sks class g cmt

## PUMP DATA:

MANUF	SIZE	DESCR
SPM		SL

5 1/2" clbp @ 3900'

5 1/2" clbp @ 5490'

5 1/2" clbp @ 5650'

5 1/2" clbp @ 5950'

5 1/2" clbp @ 6200'

5 1/2" clbp @ 6700'

ORIG PBTD 7120'

T.D. 7200'

## COMMENTS/PERFORATIONS:

plugged & abandoned well/2/18/02  
blm witness: jamie sparga



# United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:

Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Cottonwood Wash Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Cottonwood Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Cottonwood Wash Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Cottonwood Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Cottonwood Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron  
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

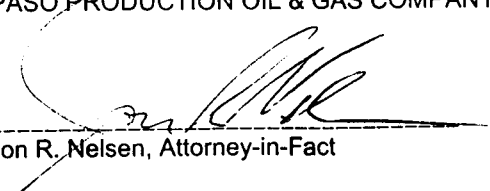
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV OF OIL & GAS MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE 

DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

8. Well Name and No.

**SEE ATTACHED EXHIBIT "A"**

9. API Well No.

**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SEE ATTACHED EXHIBIT "A"**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			<b>SUCCESSOR OF OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

### 3. FILE

## Merger

Unit: COTTONWOOD WASH[illegible]

5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/07/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/07/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS: COMPLETE LIST OF WELLS INVOLVING OPERATOR CHANGE MAY BE FOUND IN THE OPERATOR CHANGE FILE.**



***Enduring Resources***

475 17<sup>th</sup> Street Suite 1500 Denver Colorado 80202  
Telephone 303 573-1222 Fax 303 573 0461

June 30, 2005

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Cottonwood Wash Unit #1  
API # 43-047-31774  
SWNE Sec 10 T12S-R21E  
Uintah County, Utah

Dear Ms. Whitney:

Enclosed is a BLM Form 3160-5 Sundry Notice concerning the referenced proposed well. As shown, Enduring Resources is proposing to re-enter this well.

This information was submitted to the BLM.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Sincerely,

Phyllis Sobotik  
Regulatory Specialist

/ps  
Enclosure:

RECEIVED  
JUL 05 2005  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS****Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
**Enduring Resources, LLC**3a. Address  
**475 17th Street, Suite 1500**3b. Phone No. (include area code)  
**303-350-5114**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2284' FNL 2287' FEL SWNE Sec. 10 T12S R21E S.L.B.&M.**5. Lease Serial No.  
**UTU-40729**6. If Indian, Allottee or Tribe Name  
**N/A**7. If Unit or CA/Agreement, Name and/or No.  
**N/A**8. Well Name and No.  
**Cottonwood Wash Unit 1**9. API Well No.  
**43-047-31774**10. Field and Pool, or Exploratory Area  
**Wildcat**11. County or Parish, State  
**Uintah Utah****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Re-Entry</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Enduring Resources, LLC (Enduring) intent is to re-enter the well; however, the well will not be deepened from the original drilled total depth. Enduring plans to use the existing location and access road and will not disturb acreage outside these areas. An existing pipeline shall be utilized. No pits will be used; a closed system will be utilized.**

**Attached is Enduring's proposed re-entry plan.**

**Due to timing constraints on the expiration of the lease, Enduring anticipated operations commencement date is August 1, 2005**

**BLM Statewide Oil & Gas Lease Bond #- UTB000173**

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) <b>Phyllis Sobotik</b>	Title <b>Regulatory Specialist</b>
Signature <i>Phyllis Sobotik</i>	Date <i>June 30 2005</i>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**  
**JUL 05 2005**  
DIV. OF OIL, GAS & MINING

**Enduring Resources, LLC  
Cottonwood Wash Unit #1  
SWNE Sec. 10 T12S-R21E  
Uintah County, Utah  
Lease # U-40729**

**WORK OVER PROGRAM**

ELEVATION: 6084' GL 6099' KB  
TOTAL DEPTH: 7130' PBTD: Surface  
CASING: 5 ½ -17# N-80 LT&C @7130', 8 5/8-24# @ 2000'  
TUBING: None  
PERFORATIONS: Wasatch 3935-3945, 3996-4006, 5555-5562, 5806-5814,  
6090-6107, 6234-6240, 6294-6314, 6414-6416, 6432-6438,  
6544-6558  
Mesa Verde 6750-6756, 6768-6776, 6810-6820, 6828-36  
WELL STATUS: P&A  
PLAN: Drill out plugs and establish gas production  
STARTING DATE: August 1, 2005

**NOTE: Well produced ¼ gr. H2S per 100 CF gas-Wear appropriate safety gear during work over.**

**PROCEDURE:**

1. Survey location with GPS to find buried wellbore.
2. Reopen .6 miles of lease road and level the location as needed for a completion rig and associated equipment.
3. Move in 500 bbl.Frac tank and fill w/2% KCL water
4. Move in steel working pit.
5. Set and test anchors.
6. With a backhoe tractor, dig out the casing stub.
7. Remove P&A information plate and expose 5 ½" casing stub.
8. Weld on 5 ½" casing sub with sufficient length to reach ground level. Weld on 7 1/16"- 5000# tubing head flange.
9. Install tubing head assembly.
10. MIRU completion rig and associated equipment.
11. NU BOP with JU head.
12. Pressure test BOP to 3000 psi.
13. RIH with 4 ¾" tricone bit, DC's (3-4),X-Over, SN, and 2 7/8 EUE Tubing to drill out cement plugs and all CIBP to PBTD at 7130

**Enduring Resources, LLC  
Cottonwood Wash Unit #1  
SWNE Sec. 10 T12S-R21E  
Uintah County, Utah  
Lease # U-40729  
Page 2**

14. Swab well to establish rates for fluid and gas.
15. Set either packer with bypass seating nipple or RBP at 6750.
16. TIH with rod pumping assembly sized based on swab rates
17. RDMO
18. Set pumping unit and gas engine, tank(s) and gas unit
19. Re-connect gas line to Canyon and produce.



***Enduring Resources***

475 17<sup>th</sup> Street Suite 1500 Denver Colorado 80202  
Telephone 303 573-1222 Fax 303 573 0461

August 3, 2005

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Cottonwood Wash Unit #1  
API # 43-047-31774  
SWNE Sec 10 T12S-R21E  
Uintah County, Utah

Dear Ms. Whitney:

Enclosed is the following information concerning the referenced proposed well.

BLM Form 3160-3 (Application for Permit to Drill or Reenter)  
Copy of Approved BLM Form 3160-5 (Sundry)

Please attach this information to the BLM Form 3160-5 (Sundry) and attachment dated June 30, 2005.

Water will be obtained from the White River by Dalbo Inc. Water User Claim #43-8496.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Sincerely,

Phyllis Sobotik  
Regulatory Specialist

RECEIVED

AUG 04 2005

DIV. OF OIL, GAS & MINING

/ps  
Enclosure:

Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 27 2005

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

CONFIDENTIAL

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator Enduring Resources, LLC

3a. Address  
475 17th Street, Suite 15003b. Phone No. (include area code)  
303-350-5114

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2284' PNL 2287' FEL SWNE Sec. 10 T12S R21E S.L.B.&amp;M.

5. Lease Serial No.  
UTU-407296. If Indian, Allottee or Tribe Name  
N/A7. If Unit or CA/Agreement, Name and/or No.  
N/A8. Well Name and No.  
Cottonwood Wash Unit 19. API Well No.  
43-047-3177410. Field and Pool, or Exploratory Area  
Wildcat11. County or Parish, State  
Utah Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Re-Entry
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Enduring Resources, LLC (Enduring) intent is to re-enter the well; however, the well will not be deepened from the original drilled total depth. Enduring plans to use the existing location and access road and will not disturb acreage outside these areas. An existing pipeline shall be utilized. No pits will be used; a closed system will be utilized.

Attached is Enduring's proposed re-entry plan.

Due to timing constraints on the expiration of the lease, Enduring anticipated operations commencement date is August 1, 2005

BLM Statewide Oil &amp; Gas Lease Bond #- UTR000173

CONDITIONS OF APPROVAL ATTACHED

VERNAL DIST.

ENG. \_\_\_\_\_

GEOL. \_\_\_\_\_

E.S. \_\_\_\_\_

DET. \_\_\_\_\_

A.M. \_\_\_\_\_

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Phyllis Sebotik

Title Regulatory Specialist

Signature

Date

June 30, 2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Petroleum Engineer

Date

7/29/05

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

AUG 04 2005

DIV. OF OIL, GAS &amp; MINING

Enduring Resources, LLC  
Recompletion Notice of Intent

Well: Cottonwood Wash #1

Location: SWNE Sec. 10 T12S, R21E

Lease: UTU 40729

**CONDITION OF APPROVAL**

1. Following completion operations, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, and any other surveys. This report must be filed within 30 days after the culmination of downhole recompletion operations.

**SURFACE**  
**CONDITIONS OF APPROVAL**  
**TO REENTER THE**  
**COTTONWOOD WASH #1**

Company/Operator: Enduring Resources, LLC

Well Name & Number: Cottonwood Wash Unit 1

Lease Number: U-40729

Location: SWNE Sec. 10, T. 12 S. R. 21 E.

Surface Ownership: BLM

Date Sundry Notice Received: 7-1-05

-When reestablishing the access road, only blade enough of the road to get the equipment into the well site. If the well becomes productive, the road can be improved to Gold Book Standards at that time.

-Only improve the portion of the well location needed for the work over operations. If the well becomes productive, the topsoil on the location shall then be removed while the location is being reconstructed and the production equipment installed. Once the production equipment has been installed, the topsoil shall be respread over the portion of the pad not needed for production activities, and seeded with following seed mix:

Crested wheatgrass (Var. Hycrest)	Agropyron cristatum	4 lbs/acre
Shadscale	Atriplex confertifolia	4 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre

Seeding shall be done by drilling or by broadcasting the seed, then dragging it with a harrow or by track walking with a dozer.

-If the well becomes productive, all the production equipment shall be painted olive black (5WA20-6).

**CONFIDENTIAL**Form 3160-3  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**APPLICATION FOR PERMIT TO DRILL OR REENTER**FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. UTU-40729
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Enduring Resources, LLC		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code) 303-350-5114	8. Lease Name and Well No. Cottonwood Wash Unit #1
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWNE 2284' FNL 2287' FEL 39.789060 At proposed prod. zone 624025X 4405139Y -109.551539		9. API Well No. 43-047-31774
10. Field and Pool, or Exploratory <del>Wildcat</del> Buck Canyon 545		11. Sec., T. R. M. or Blk. and Survey or Area Sec 10 T12S R21E S.L.B.&M.
12. County or Parish Uintah		13. State UT
14. Distance in miles and direction from nearest town or post office* 20 miles Southeast from Ouray, Utah	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 250'	16. No. of acres in lease 1840.00
17. Spacing Unit dedicated to this well 40 acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA	19. Proposed Depth 7130'
20. BLM/BIA Bond No. on file BLM - UTB000173	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6084' GL Graded	22. Approximate date work will start* 08/01/2005
23. Estimated duration 20 days		

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |                                                                                                                                                 |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor.                                                                                                | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.                                                                                                                             | 5. Operator certification                                                                          |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Phyllis Sobotik	Date 8-3-05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 08-15-05
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

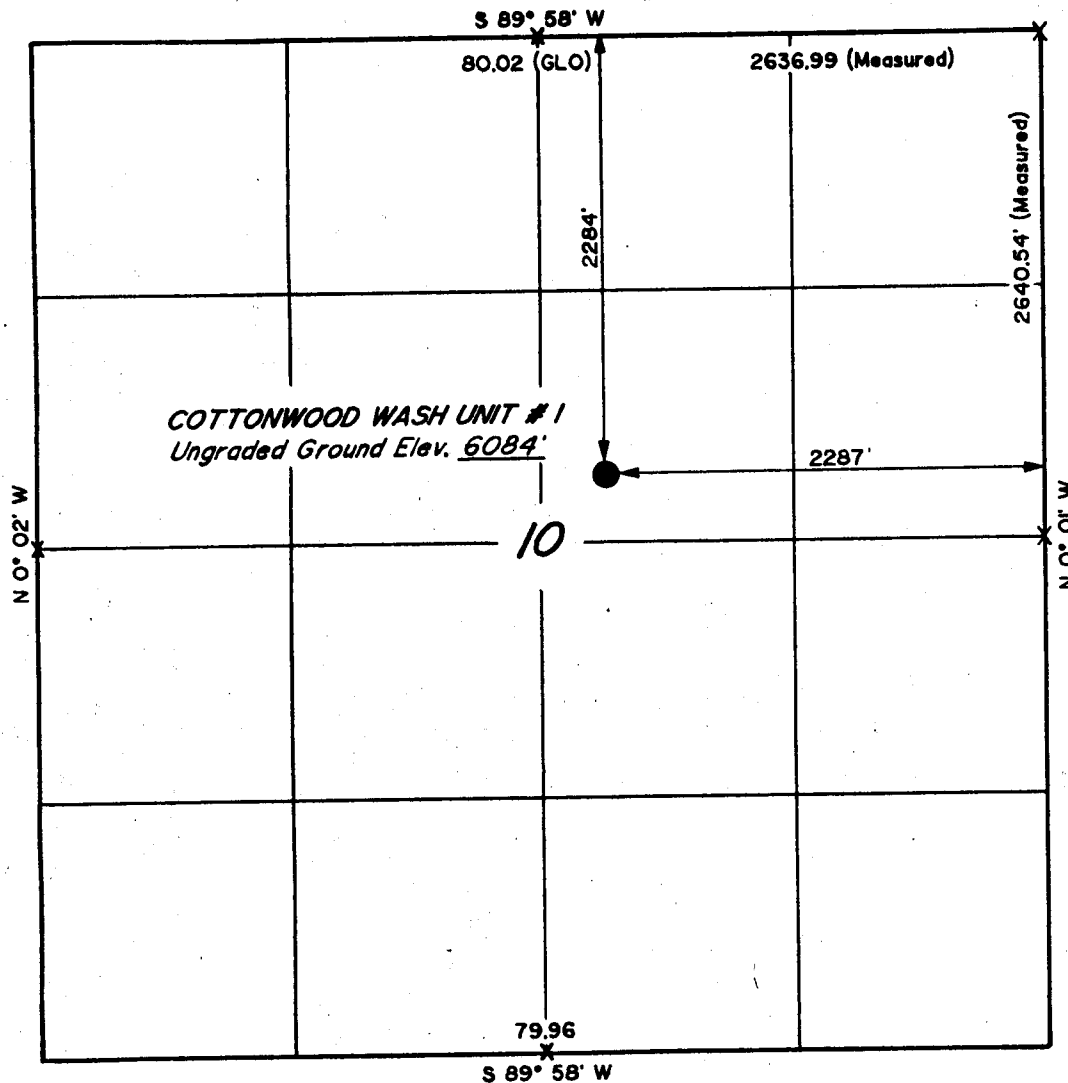
\*(Instructions on page 2)

Federal Approval of this  
Action is NecessaryRECEIVED  
AUG 04 2005  
DIV. OF OIL AND GAS

T 12 S, R 21 E, S.L.B. & M.

PROJECT  
E.P. OPERATING COMPANY

Well location, COTTONWOOD WASH UNIT # 1,  
located as shown in the SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , T 12 S,  
R 21 E, S.L.B. & M., Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*William J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

X = LOCATED SECTION CORNERS

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9-8-86
PARTY	LDT GLS DLS	REFERENCES	GLO
WEATHER	FAIR	FILE	EP OPERATING

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/04/2005

API NO. ASSIGNED: 43-047-31774

WELL NAME: COTTONWOOD WASH UNIT #1

OPERATOR: ENDURING RESOURCES, LLC ( N2750 )

CONTACT: PHYLLIS SOBOTIK

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

SWNE 10 120S 210E

SURFACE: 2284 FNL 2287 FEL

BOTTOM: 2284 FNL 2287 FEL

UINTAH

BUCK CANYON ( 565 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-40729

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.78906

LONGITUDE: -109.5515

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000173 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.  
Unit \_\_\_\_\_  
☐ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
☐ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1. Federal Approval

2. Spacing Strip



OPERATOR: ENDURING RES LLC (N2750)

SEC: 10 T. 12S R. 21E

FIELD: BUCK CANYON (565)

COUNTY: UTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

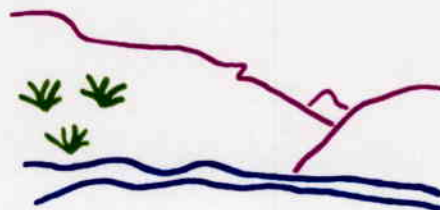
## LEGEND



	Counties
	Sections
	Township
	Field Status
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

	Unit Status
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

	Well Status
	GAS INJECTION
	GAS STORAGE
	LOCATION ABANDONED
	NEW LOCATION
	PLUGGED & ABANDONED
	PRODUCING GAS
	PRODUCING OIL
	SHUT-IN GAS
	SHUT-IN OIL
	TEMP. ABANDONED
	TEST WELL
	WATER INJECTION
	WATER SUPPLY
	WATER DISPOSAL DRILLING



*Utah Oil Gas and Mining*

PREPARED BY: DIANA WHITNEY  
DATE: 10-AUG-2005

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 8

**ENTITY ACTION FORM**Operator: Enduring Resources, LLCOperator Account Number: N 2750Address: 475 17th Street, Suite 1500city Denverstate COzip 80202Phone Number: (303) 350-5114**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736423	Big Pack 12-21-22-2		SENW	2	12S	21E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999		8/2/2005				
Comments: <i>MVRD</i>							<b>CONFIDENTIAL</b>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304731774	Cottonwood Wash Unit 1		SWNE	10	12S	21E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999		8/3/2005				
Comments: <i>Re-entry w/in csg of P&amp;A well; Not deepening</i>							Lease Serial #-UTU-40729
<i>WSTC = 10754</i>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A -- Establish new entity for new well (single well only)
- B -- Add new well to existing entity (group or unit well)
- C -- Re-assign well from one existing entity to another existing entity
- D -- Re-assign well from one existing entity to a new entity
- E -- Other (Explain in 'comments' section)

Phyllis Sobotik

Name (Please Print)

Signature

Regulatory Specialist

Title

*Do you know about this?*  
*ER*

*Aug 5 2005*  
Date

**RECEIVED****AUG 05 2005**

DIV. OF OIL, GAS &amp; MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 8

**ENTITY ACTION FORM**

Operator: Enduring Resources, LLC Operator Account Number: N 2750  
Address: 475 17th Street, Suite 1500  
city Denver  
state CO zip 80202 Phone Number: (303) 350-5114

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736423	Big Pack 12-21-22-2		SENW	2	12S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14870	8/2/2005		8/1/05		
Comments: <u>MVRD</u> <b>CONFIDENTIAL</b>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304731774	Cottonwood Wash Unit 1		SWNE	10	12S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14911	8/3/2005		9/8/05		
Comments: <u>MVRD</u> Re-entry w/in csg of P&A well; Not deepening Lease Serial #-UTU-40729							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A -- Establish new entity for new well (single well only)
- B -- Add new well to existing entity (group or unit well)
- C -- Re-assign well from one existing entity to another existing entity
- D -- Re-assign well from one existing entity to a new entity
- E -- Other (Explain in 'comments' section)

Phyllis Sobotik

Name (Please Print)

*Phyllis Sobotik*

Signature

Regulatory Specialist

Title

*Aug 5 2005*  
Date**RECEIVED****AUG 05 2005**

DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS****Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-40729
2. Name of Operator Enduring Resources, LLC		6. If Indian, Allottee or Tribe Name N/A
3a. Address 475 17th Street, Suite 1500	3b. Phone No. (include area code) 303-350-5114	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2284' FNL 2287' FEL SWNE Sec. 10 T12S R21E S.L.B.&M.		8. Well Name and No. Cottonwood Wash Unit 1
		9. API Well No. 43-047-31774
		10. Field and Pool, or Exploratory Area Wildcat
		11. County or Parish, State Uintah Utah

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Begin Re-entry Operations</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Cottonwood Wash Unit 1 re-entry began @ 0800 hrs (MST) August 3, 2005.

Leed Well Service Rig #677 (workover rig) is performing the re-entry operations.

BLM Statewide Oil & Gas Lease Bond #- UTB000173

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Phyllis Sobotik

Title Regulatory Specialist

Signature

Date

Aug 5 2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make or cause to be made any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

AUG 10 2005

DIV. OF OIL, GAS & MINING



***Enduring Resources***

475 17<sup>th</sup> Street Suite 1500 Denver Colorado 80202  
Telephone 303 573-1222 Fax 303 573 0461

August 11, 2005

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Cottonwood Wash Unit #1  
Lease Serial #-UTU-40729  
API # 43-047-31774  
SWNE Sec 10 T12S-R21E  
Uintah County, Utah

Dear Ms. Whitney:

Enduring Resources, LLC has no objection to the Cottonwood Wash Unit #1 re-entry well being located 2284' FNL and 2287' FEL of Section 10 T12S R21E. A previous operator permitted and drilled this well at the current location. The well was initially located within a unit which has since been dissolved. The Bureau of Land Management stipulated that the original location and access road must be utilized for the re-entry operations.

Enduring Resources, LLC is the only owner within a 460 foot radius of the proposed well location.

The signature below is Enduring Resources' written waiver of objection to UT Administrative Code R649-3-3.

Signature:

Name: Frank Hutto

Title: V. P. Operations

Date: August 11, 2005

Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202

**RECEIVED**

**AUG 15 2005**

DIV. OF OIL, GAS & MINING



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 15, 2005

Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202

Re: Cottonwood Wash Unit #1 Well, 2284' FNL, 2287' FEL, SW NE,  
Sec. 10, T. 12 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-31774.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Enduring Resources, LLC  
Well Name & Number Cottonwood Wash Unit #1  
API Number: 43-047-31774  
Lease: UTU-40729

Location: SW NE                      Sec. 10                      T. 12 South                      R. 21 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

**CONFIDENTIAL**

2. Name of Operator **Enduring Resources, LLC**

3a. Address  
**475 17th Street, Suite 1500**

3b. Phone No. (include area code)  
**303-350-5114**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2284' FNL 2287' FEL SWNE Sec. 10 T12S R21E S.L.B.&M.**

5. Lease Serial No.  
**UTU-40729**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA/Agreement, Name and/or No.  
**N/A**

8. Well Name and No.  
**Cottonwood Wash Unit 1**

9. API Well No.  
**43-047-31774**

10. Field and Pool, or Exploratory Area  
**Wildcat**

11. County or Parish, State  
**Uintah Utah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Re-Entry</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Enduring Resources commenced re-entry operations on referenced well on August 1, 2005. All the plugs were drilled out. Perforations at 3935-3945, 3996-4006, 5555-5562, and 5806-5814 were squeezed. Well was flow tested for 44 hours continuously at rates between 281mcf/d and 406 mcf/d. (See attached flowback report). Waiting on gas meter to sell gas downline by September 12, 2005.**

Attached is Enduring's flow test information and gas analysis.

BLM Statewide Oil & Gas Lease Bond #- UTB000173

**RECEIVED**

**SEP 12 2005**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Phyllis Sobotik**

Title **Regulatory Specialist**

Signature

*Phyllis Sobotik*

Date

*Sept 9 2005*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

COTTONWOOD WASH #1 GAS.txt  
Analysis

Date-Time: 09/08/05 19:08      Analysis Time: 225 Cycle  
Time: 240  
Stream: 1 Stream 1              Mode: ANLY              Cycle Start  
Time: 19:04  
Analyzer: 4250                  Strm Seq:1

ENDURING RESOURCES  
COTTONWOOD WASH #1, 9-8-05

Component Relative Name	Mole Percent	LiqVol Percent	Gallons/ 1000 SCF	BTU Gross
Density				
C6+ 47/35/17	0.3846	0.9651	0.1716	20.34
0.0127				
PROPANE	1.7331	2.6779	0.4772	43.71
0.0264				
i-BUTANE	0.3629	0.6661	0.1187	11.83
0.0073				
n-BUTANE	0.4398	0.7781	0.1386	14.38
0.0088				
i-PENTANE	0.1607	0.3301	0.0588	6.45
0.0040				
n-PENTANE	0.1318	0.2678	0.0477	5.29
0.0033				
NITROGEN	0.2302	0.1417	0.0252	0.00
0.0022				
METHANE	90.5274	86.1090	0.0000	916.41
0.5014				
CARBON DIOXIDE	1.7850	1.6975	0.3025	0.00
0.0271				
ETHANE	4.2445	6.3668	1.1345	75.29
0.0441				
TOTALS	100.0000	100.0000	2.1472	1093.70
0.6374				

'\*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F=  
1.00258

Base Pressures                      14.73000

# COTTONWOOD WASH #1 GAS.txt

-----			
Gross Dry BTU	=	1096.52	Corrected/Z
Gross SAT BTU	=	1077.44	Corrected/Z
Gallons/1000 SCF C2+	=	2.1472	
Gallons/1000 SFC C3+	=	1.0127	
Gallons/1000 SCF C4+	=	0.5355	
Gallons/1000 SCF C5+	=	0.2782	
Gallons/1000 SCF C6+	=	0.1716	
Real Relative Density Gas	=	0.6388	
Unnormalized Mole Percent	=	99.718	

# ENDURING RESOURCES

112001 DUTCHMAN & LINDSEY INC.

631 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

STATIC PSI + 15 X LGDF X .0555 = MCF/DAY

Flowback Report

Date: 9-6-05

Well #: COTTONWOOD WASH #1

112 72 X (45) X .0555 = MCF/D

Tank Capacity/Inch: \_\_\_\_\_

1	11.24
2	11.44
3	11.51
4	11.57
5	11.64
6	11.70
7	11.76
8	11.81
9	11.87
10	11.92
11	11.97
12	12.02
13	12.07
14	12.12
15	12.17
16	12.22
17	12.27
18	12.32
19	12.37
20	12.42
21	12.47
22	12.52
23	12.57
24	12.62
25	12.67
26	12.72
27	12.77
28	12.82
29	12.87
30	12.92
31	12.97
32	13.02
33	13.07
34	13.12
35	13.17
36	13.22
37	13.27
38	13.32
39	13.37
40	13.42
41	13.47
42	13.52
43	13.57
44	13.62
45	13.67
46	13.72
47	13.77
48	13.82
49	13.87
50	13.92
51	13.97
52	14.02
53	14.07
54	14.12
55	14.17
56	14.22
57	14.27
58	14.32
59	14.37
60	14.42
61	14.47
62	14.52
63	14.57
64	14.62
65	14.67
66	14.72
67	14.77
68	14.82
69	14.87
70	14.92
71	14.97
72	15.02
73	15.07
74	15.12
75	15.17
76	15.22
77	15.27
78	15.32
79	15.37
80	15.42
81	15.47
82	15.52
83	15.57
84	15.62
85	15.67
86	15.72
87	15.77
88	15.82
89	15.87
90	15.92
91	15.97
92	16.02
93	16.07
94	16.12
95	16.17
96	16.22
97	16.27
98	16.32
99	16.37
100	16.42

①

Time	CSC	THG	ORIFACE Choke	BHLS	PSI @ ORIFACE	50"	TABBL5	MCF/d	Remarks
10:30A	1450	750	1/2"	29	50	56"	29	406	1/4 CHOKE ON SEPERATER
11AM	1450	675	1/2"	9	44	58"	38	369	" " "
12PM	1450	600	1/2"	24	36	63	62	319	" " "
1 PM	1500	500	1/2"	24	36	5"	86	319	" " "
2 PM	1500	500	1/2"	26	30	11"	112	281	DEASED TANK
3 PM	1500	450	1/2"	26	30	17"	138	281	" " "
4 PM	1500	450	1/2"	26	30	23"	164	281	" " "
5 PM	1500	450	1/2"	13	31	26"	177	287	" " "
5:30P	1500	450	1/2"	21	30	31	198	281	SAMPLE TAKEN
6:00	1500	450	1/2"	9	30	33"	207	281	" " "
6:15	1500	450	1/2"	9	30	35"	216	281	" " "
6:30	1500	450	1/2"	4	30	36"	220	281	" " "
6:45	1500	450	1/2"	4	15	37"	224	187	" " "
7:00	1550	475	1/2"	4	31	38"	228	319	6-50-Flowback of Hg material / Sand F
7:15	1550	450	1/2"	5	36	39"	233	319	" " "
7:30P	1550	450	1/2"	4	38	40"	237	331	" " "
7:45	1530	500	1/2"	5	38	41"	241	331	" " "
8:00P	1550	500	1/2"	4	38	42"	245	331	" " "
8:15P	1500	525	1/2"	4	64	46	249	494	ADJUSTED ADJUSTABLE CHOKC
8:30P	1425	706	1/2"	5	64	47	254	494	" " "
8:45	1425	525	1/2"	5	62	48	259	488	" " "
9:00	1400	500	1/2"	5	50	49	264	406	" " "
9:15	1400	600	1/2"	5	50	50"	269	406	" " "
9:30	1425	575	1/2"	5	50	50"	270	406	" " "

# Premier Services & Enterprises Inc.

634 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

112.72 X PSI X .0555

## Flowback Report

Date: 9-6-05

Well #: COTTONWOOD WASH #1

Tank Capacity/Inch:

STATIC PSI + 15

Choke size	
14 - 6.25	
17 - 14.24	
18 - 26.31	
20 - 31.07	
22 - 41.64	
24 - 51.21	
26 - 61.13	
28 - 71.13	
30 - 81.92	
32 - 92.72	
34 - 103.52	
36 - 114.32	
38 - 125.12	
40 - 135.92	
42 - 146.72	
44 - 157.52	
46 - 168.32	
48 - 179.12	

2

PSI @  
DIFFERENTIAL

PM

Time	CSG	TBG	Choke	BBLS	<del>DIFF</del>	Tank	TUBBLS	MCF/d	Remarks
945	1400	575	3/4"	4	48	51	268	394	16/64" Choke
1000	1400	595	1/2"	5	48	52	273	394	
1015	1400	580	1/2"	4	48	53	277	394	
1030	1400	550	1/2"	5	50	54	282	406	
1045	1400	550	1/2"	5	50	55	287	406	
1100	1400	550	1/2"	5	50	56	292	406	
1115	1400	575	1/2"	4	50	57	296	406	
1130	1400	675	1/2"	5	50	58	301	406	
1145	1400	580	1/2"	4	50	59	305	406	
1200	1400	550	1/2"	5	50	60	310	406	
1215	1423	550	1/2"	5	50	61	315	406	
1230	1400	550	1/2"	5	50	62	320	406	
1245	1400	550	1/2"	4	50	63	324	406	
1300	1350	550	1/2"	5	50	64	329	406	
1315	1325	550	1/2"	5	50	65	334	406	
1330	1325	550	1/2"	5	50	66	339	406	
1345	1325	550	1/2"	5	50	67	344	406	
1360	1325	550	1/2"	4	50	68	348	406	
1375	1325	550	1/2"	5	50	69	353	406	
1390	1325	550	1/2"	5	50	70	358	406	
1405	1325	550	1/2"	5	50	71	363	406	
1420	1300	550	1/2"	5	50	72	368	406	
1435	1300	550	1/2"	5	50	73	373	406	
1450	1300	550	1/2"	5	50	74	378	406	

**Premier Services & Enterprises Inc.**

634 East 250 North Vernal, Utah 84078

435-781-2304 Fax 415.781.2305

$$112.72 \times \text{PSI} \times .0535$$

## Flowback Report

Date: 9-7-65

Well #: COTTONWOOD WASH #1

PS: @  
OFFICE

Tank Capacity/Inch:

STATIC P81+15

Check #	Amount
7	5.23
11	14.44
16	26.51
18	35.07
20	43.64
22	52.42
24	61.21
28	83.13
30	78.91
32	112.72
44	160.99

③

[illegible]

## ENDURING RESOURCES

## Premier Services &amp; Enterprises Inc.

634 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

112.72 X PSI X .0555

## Flowback Report

Date: 9-07-05

Well #: Cornudas WAS#1

\* PSI +15

Tank Capacity/Inch:

TOTAL  
ACUM  
= 446

Choke and
8 - 6.25
13 - 14.44
16 - 26.31
18 - 35.07
20 - 43.44
22 - 52.43
24 - 61.33
26 - 70.13
30 - 98.92
32 - 117.72
40 - 266.99

13 302  
2 281  
18 14  
268 211  
371 192  
15 29

Time	CSG	TBG	Choke	BBLs	Surf	Tank	TMBBLS	MCP/d	Remarks	TOTAL ACUM	
7:00A	1250	500	1/2"	2	44	84 1/2	2	369	16 1/2"	448	TOOK SAMPLE
7:15A	1250	500	1/2"	3	44	85	5	369	"	451	
7:30A	1250	500	1/2"	5	44	86	10	369	"	456	
7:45A	1250	475	1/2"	4	44	87	14	369	"	460	
8:00A	1250	450	1/2"	3	44	87 1/2	17	369	"	463	HOODING 200 PSI BACK PRESS ON VESSEL
9:00A	1200	450	1/2"	16	40	91"	33	344	"	479	
10:00A	1200	450	1/2"	14	40	94"	47	344	"	493	
11:00	1200	425	1/2"	9	40	96"	56	344	"	502	
12:00	1200	425	1/2"	19	40	100"	75	344	"	521	
1:00P	1156	425	1/2"	13	40	105	88	344	"	534	
2:00P	1150	400	1/2"	13	46	119	101	344	"	547	DRAIN TANK
3:00P	1156	400	1/2"	13	40	123	114	344	"	560	DRAINING
4:00P	1100	400	1/2"	13	39	40	127	337	"	573	
5:00P	1100	400	1/2"	19	36	44	146	319	"	592	VESSEL PRESSURE 180#
6:00P	1100	375	1/2"	14	36	47	160	319	"	606	VESSEL PRESSURE Picked to 200"
7:00P	1100	375	1/2"	10	34	49	170	306	"	616	AT 10:30
8:00P	1100	375	1/2"	22	34	54	192	306	"	638	
9:00	1100	350	1/2"	10	34	56	202	306	"	648	
10:00	1050	350	1/2"	10	34	58	212	306	"	658	
11:00	1050	350	1/2"	10	34	60	222	306	"	668	
12:00	1050	350	1/2"	14	34	63	236	306	"	682	
1:00A	1050	350	1/2"	15	34	66	259	306	"	697	
2:00A	1050	350	1/2"	14	34	69	265	306	"	711	

**Choke coal**  
2 - 0.29  
12 - 14.44  
16 - 26.91  
18 - 31.07  
20 - 41.64  
22 - 51.43  
24 - 61.21  
28 - 85.13  
30 - 92.92  
32 - 112.72  
48 - 160.99

**Tank Capacity/Inch:** \_\_\_\_\_

[illegible]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS****Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
**Enduring Resources, LLC**3a. Address  
**475 17th Street, Suite 1500**3b. Phone No. (include area code)  
**303-350-5114**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2284' FNL 2287' FEL SWNE Sec. 10 T12S R21E S.L.B.&M.**

5. Lease Serial No.

**UTU-40729**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**Cottonwood Wash Unit 1**

9. API Well No.

**43-047-31774**

10. Field and Pool, or Exploratory Area

**Wildcat**

11. County or Parish, State

**Uintah****Utah****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other <b>1st sales</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>10-08-05</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**First Gas Sales 10-08-2005****Starting psi.csg.1500# tub.0# Choke set on 7 selling @ 250-300 mcf****BLM Statewide Oil & Gas Lease Bond #- UTB000173**14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)**Alvin R. (Al) Arlian**Title **Landman - Regulatory Specialist**

Signature

Date

**10/12/2005****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED****OCT 1 / 2005****DIV. OF OIL, GAS & MINING**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-40729**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☒ DIFF. RESVR. ☐ OTHER ☐

**CONFIDENTIAL**

7. UNIT or CA AGREEMENT NAME  
**N/A**

8. WELL NAME and NUMBER:  
**Cottonwood Wash Unit 1**

2. NAME OF OPERATOR:  
**Enduring Resources, LLC**

9. API NUMBER:  
**4304731774**

3. ADDRESS OF OPERATOR:  
**475 17th St, Ste 1500 CITY Denver STATE CO ZIP 80202**

PHONE NUMBER:  
**(303) 350-5114**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **2,284' FNL - 2,287' FEL**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SWNE 10 12S 21E S**

AT TOP PRODUCING INTERVAL REPORTED BELOW: **Same**

AT TOTAL DEPTH: **Same**

12. COUNTY  
**Uintah** 13. STATE  
**UTAH**

14. DATE SPURRED: **11/29/2005** 15. DATE T.D. REACHED: **12/17/2005** 16. DATE COMPLETED: **9/6/2005**

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):  
**6,099' KB**

18. TOTAL DEPTH: MD **7,200**  
TVD **7,200**

19. PLUG BACK T.D.: MD **6,690**  
TVD **6,690**

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*  
**1**

21. DEPTH BRIDGE MD  
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

**None (re-entry)**

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4"	8-5/8	24#	0	2,000		750		0	
7-7/8"	5-1/2	17#	0	7,200		1635		0	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	6,600							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesa Verde	6,216	6,838	6,216	6,838				Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: \_\_\_\_\_

30. WELL STATUS:

**producing**

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

31. INITIAL PRODUCTION

INTERVAL STATUS: AS SHOWN WITH LOG

DATE FIRST PRODUCED: 9/6/2005		TEST DATE: 9/6/2005		HOURS TESTED: 44		TEST PRODUCTION RATES: →		OIL – BBL: 30		GAS – MCF: 281		WATER – BBL: 20		PROD. METHOD: flow					
CHOKE SIZE: 1/2		TBG. PRESS. 1,000		CSG. PRESS. 325		API GRAVITY		BTU – GAS 17,500		24 HR PRODUCTION RATES: →		OIL – BBL: 16		GAS – MCF: 281		WATER – BBL: 10		INTERVAL STATUS: open	

## INTERVAL B (As shown in Item #26)

INTERVAL STATUS SUMMARY										
DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

INTERVAL STATUS (SEE INSTRUCTIONS)										
DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

INTERVAL (AS SHOWN IN LOG)										
DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			Re-entry.		

## 35. ADDITIONAL REMARKS (Include plugging procedure)

1st sales 10-8-2005

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE \_\_\_\_\_

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

1)

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-40729

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Cottonwood Wash Unit

8. FARM OR LEASE NAME

Cottonwood Wash

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Section 10, T12S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

ELL ☐ WELL ☒ OTHER

NAME OF OPERATOR

E P Operating Company

(303) 831-1616

5. ADDRESS OF OPERATOR

1700 Lincoln St., Suite 3600, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

2284' FNL, 2287' FEL (SW NE)

14. PERMIT NO.

UT-080-7-N-14-#1

15. ELEVATIONS (Show whether DE, RT, or etc.)

6084' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Progress Report

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Ran in hole with bit, scraper and drill collars. Circ. hole clean. Rigged up Halliburton, cleaned casing with 350 gals Xylene, 700 gals 15% HCL acid, 5 bbls 3% KCL water. Ran CBL from 7122' back to 3250'. Ran in hole and perf. Mesa Verde from 6750-56', 6768-70', 6772', 6774', 6776', 6810-12', 6814', 6816', 6818', 6820', 6828-30', 6832', 6833', 6834' and 6836'. Ran in hole with tubing and set packer at 6653'. Broke down perfs with 1500 gals 7½% HCL acid with additives. Rigged up and began making one hour swab runs, all load recovered. Ran and set CIBP at 6700'. Dumped 10' cement on B.P. PBTD at 6690'. RIH and perforated Mesa Verde from 6234', 6236', 624294', 6296', 6298', 6310', 6312', 6314', 6416', 6418', 6432', 6434', 6436', 6438', 6546', 6548', 6550', 6552', 6554', 6556', and 6558'. Made up and RIH with 5½" packer and set at 6173'. Broke down perfs with 1500 gals 7½% HCL acid with additives. Fraced Mesa Verde with 75,000 gals CO<sub>2</sub> gelled KCL water with 30% CO<sub>2</sub> and 169,000# 20/40 sand. Ran After Frac Gamma Ray and Temp. Log. Frac stayed in zone. All load recovered plus 200 bbls. Avg. gas rate of 220 MCFD, avg. water rate of 240 BPD. Ran Temp. Log, Fluid Density and Injection Profile Logs. Perfs. 6294-6314' had 69% water, 24% gas; 6414-38' had 31% water, 32% gas; 6544-58' had no water and 44% gas. Rigged up to swab. Made four swab runs, well began unloading.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. Michael Blincow

TITLE Petroleum Engineer

DATE 3/17/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE MAR 31 1987

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Operator

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS &amp; MINING

RECEIVED  
OCT 1 / 2005

COTTONWOOD WASH #1 GAS.txt  
Analysis

Date-Time: 09/08/05 19:08      Analysis Time: 225 Cycle  
Time: 240  
Stream: 1 Stream 1              Mode: ANLY              Cycle Start  
Time: 19:04  
Analyzer: 4250                  Strm Seq:1

ENDURING RESOURCES  
COTTONWOOD WASH #1, 9-8-05

Component Relative Name	Mole Percent	LiqVol Percent	Gallons/ 1000 SCF	BTU Gross
Density				
C6+ 47/35/17	0.3846	0.9651	0.1716	20.34
0.0127				
PROPANE	1.7331	2.6779	0.4772	43.71
0.0264				
i-BUTANE	0.3629	0.6661	0.1187	11.83
0.0073				
n-BUTANE	0.4398	0.7781	0.1386	14.38
0.0088				
i-PENTANE	0.1607	0.3301	0.0588	6.45
0.0040				
n-PENTANE	0.1318	0.2678	0.0477	5.29
0.0033				
NITROGEN	0.2302	0.1417	0.0252	0.00
0.0022				
METHANE	90.5274	86.1090	0.0000	916.41
0.5014				
CARBON DIOXIDE	1.7850	1.6975	0.3025	0.00
0.0271				
ETHANE	4.2445	6.3668	1.1345	75.29
0.0441				
TOTALS	100.0000	100.0000	2.1472	1093.70
0.6374				

'\*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F=  
1.00258

Base Pressures                      14.73000

# COTTONWOOD WASH #1 GAS.txt

Gross Dry BTU	=	1096.52	Corrected/Z
Gross SAT BTU	=	1077.44	Corrected/Z
Gallons/1000 SCF C2+	=	2.1472	
Gallons/1000 SFC C3+	=	1.0127	
Gallons/1000 SCF C4+	=	0.5355	
Gallons/1000 SCF C5+	=	0.2782	
Gallons/1000 SCF C6+	=	0.1716	
Real Relative Density Gas	=	0.6388	
Unnormalized Mole Percent	=	99.718	

## ENDURING RESOURCES

**THEORY OF THE EARTH AND ITS HISTORY**

6.34 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

$$\text{STATIC PSI} + 15 \times \text{LCRF} \times .6553 = \text{MCF/DAY}$$

## Flowback Report

Date: 9-6-05

Well #: COTTONWOOD WASH #1

112 72 X145) c. 5555: mcf/8

Tank Capacity/Inch: \_\_\_\_\_

19	10 24
20	11 34
21	12 51
22	13 07
23	14 64
24	15 43
25	16 21
26	17 13
27	18 22
28	19 77
29	20 77
30	21 99

①

Time	CSC	TIC	ORIFACE Choke	BHLS	PSS @ ORIFACE Band	50" Tank	TUBELS	MCF/d	Remarks
10:30A.	1450	750	1/2"	29	50	56"	29	406	1 1/2" CHOKE ON SEPERATOR
11AM	1450	475	1/2"	9	44	58"	38	369	" " "
12 PM	1450	600	1/2"	24	36	63	62	319	" " "
1 PM	1500	500	1/2"	24	36	5"	86	319	" " " DRAINED TANK
2 PM	1500	500	1/2"	26	30	11"	112	281	" " "
3 PM	1500	450	1/2"	26	30	17"	138	281	" " "
4 PM	1500	450	1/2"	26	30	23"	164	281	" " "
5 PM	1500	450	1/2"	13	31	26"	177	287	" " " SAMPLE TAKEN
5:30P	1500	450	1/2"	21	30	31	198	281	" " "
6:00	1500	450	1/2"	9	30	33"	207	281	" " "
6:15	1500	450	1/2"	9	30	35"	216	281	" " "
6:30	1500	450	1/2"	4	30	36"	220	281	" " "
6:45	1500	450	1/2"	4	15	37"	224	187	6:50 - flow choked at 14 1/2" material / Sand P
7:00	1550	475	1/2"	4	31	38"	228	319	" " "
7:15	1550	450	1/2"	5	36	39"	233	319	" " "
7:30P	1550	450	1/2"	4	38	40"	237	331	" " "
7:45	1530	500	1/2"	5	38	41"	241	331	" " "
8:00P	1550	500	1/2"	4	38	42"	245	331	ADJUSTED. ADJUSTABLE CHOKE
8:15P	1500	525	1/2"	4	64	46	249	494	" " "
8:30P	1425	700	1/2"	5	64	47	254	494	" " "
8:45	1425	525	1/2"	5	62	48	259	488	" " "
9:00	1400	500	1/2"	5	50	49	264	406	" " "
9:15	1400	600	1/2"	5	50	50"	269	406	" " "
9:30	1425	575	1/2"	5	50	51"	274	406	" " "

# Premier Services & Enterprises Inc.

634 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

112.72 X PSI X .0555

## Flowback Report

Date: 9-6-05  
Well #: COTTONWOOD WASH #1

Tank Capacity/Inch:  
STATIC PSI + 15

12	14.44
14	26.51
16	31.07
18	41.64
20	51.21
22	61.78
24	72.35
26	82.92
28	93.49
30	104.06
32	114.63
34	125.20
36	135.77
38	146.34
40	156.91
42	167.48
44	178.05
46	188.62
48	199.19
50	209.76
52	220.33
54	230.90
56	241.47
58	252.04
60	262.61
62	273.18
64	283.75
66	294.32
68	304.89
70	315.46
72	326.03
74	336.60
76	347.17
78	357.74
80	368.31
82	378.88
84	389.45
86	400.02
88	410.59
90	421.16
92	431.73
94	442.30
96	452.87
98	463.44
100	474.01
102	484.58
104	495.15
106	505.72
108	516.29
110	526.86
112	537.43
114	548.00
116	558.57
118	569.14
120	579.71
122	590.28
124	600.85
126	611.42
128	621.99
130	632.56
132	643.13
134	653.70
136	664.27
138	674.84
140	685.41
142	695.98
144	706.55
146	717.12
148	727.69
150	738.26
152	748.83
154	759.40
156	769.97
158	780.54
160	791.11
162	801.68
164	812.25
166	822.82
168	833.39
170	843.96
172	854.53
174	865.10
176	875.67
178	886.24
180	896.81
182	907.38
184	917.95
186	928.52
188	939.09
190	949.66
192	960.23
194	970.80
196	981.37
198	991.94
200	1002.51
202	1013.08
204	1023.65
206	1034.22
208	1044.79
210	1055.36
212	1065.93
214	1076.50
216	1087.07
218	1097.64
220	1108.21
222	1118.78
224	1129.35
226	1139.92
228	1150.49
230	1161.06
232	1171.63
234	1182.20
236	1192.77
238	1203.34
240	1213.91
242	1224.48
244	1235.05
246	1245.62
248	1256.19
250	1266.76
252	1277.33
254	1287.90
256	1298.47
258	1309.04
260	1319.61
262	1330.18
264	1340.75
266	1351.32
268	1361.89
270	1372.46
272	1383.03
274	1393.60
276	1404.17
278	1414.74
280	1425.31
282	1435.88
284	1446.45
286	1457.02
288	1467.59
290	1478.16
292	1488.73
294	1499.30
296	1509.87
298	1520.44
300	1531.01
302	1541.58
304	1552.15
306	1562.72
308	1573.29
310	1583.86
312	1594.43
314	1605.00
316	1615.57
318	1626.14
320	1636.71
322	1647.28
324	1657.85
326	1668.42
328	1678.99
330	1689.56
332	1699.13
334	1709.70
336	1720.27
338	1730.84
340	1741.41
342	1751.98
344	1762.55
346	1773.12
348	1783.69
350	1794.26
352	1804.83
354	1815.40
356	1825.97
358	1836.54
360	1847.11
362	1857.68
364	1868.25
366	1878.82
368	1889.39
370	1899.96
372	1910.53
374	1921.10
376	1931.67
378	1942.24
380	1952.81
382	1963.38
384	1973.95
386	1984.52
388	1995.09
390	2005.66
392	2016.23
394	2026.80
396	2037.37
398	2047.94
400	2058.51
402	2069.08
404	2079.65
406	2090.22
408	2100.79
410	2111.36
412	2121.93
414	2132.50
416	2143.07
418	2153.64
420	2164.21
422	2174.78
424	2185.35
426	2195.92
428	2206.49
430	2217.06
432	2227.63
434	2238.20
436	2248.77
438	2259.34
440	2269.91
442	2280.48
444	2291.05
446	2301.62
448	2312.19
450	2322.76
452	2333.33
454	2343.90
456	2354.47
458	2365.04
460	2375.61
462	2386.18
464	2396.75
466	2407.32
468	2417.89
470	2428.46
472	2439.03
474	2449.60
476	2460.17
478	2470.74
480	2481.31
482	2491.88
484	2502.45
486	2513.02
488	2523.59
490	2534.16
492	2544.73
494	2555.30
496	2565.87
498	2576.44
500	2587.01
502	2597.58
504	2608.15
506	2618.72
508	2629.29
510	2639.86
512	2650.43
514	2661.00
516	2671.57
518	2682.14
520	2692.71
522	2703.28
524	2713.85
526	2724.42
528	2734.99
530	2745.56
532	2756.13
534	2766.70
536	2777.27
538	2787.84
540	2798.41
542	2808.98
544	2819.55
546	2830.12
548	2840.69
550	2851.26
552	2861.83
554	2872.40
556	2882.97
558	2893.54
560	2904.11
562	2914.68
564	2925.25
566	2935.82
568	2946.39
570	2956.96
572	2967.53
574	2978.10
576	2988.67
578	2999.24
580	3009.81
582	3020.38
584	3030.95
586	3041.52
588	3052.09
590	3062.66
592	3073.23
594	3083.80
596	3094.37
598	3104.94
600	3115.51
602	3126.08
604	3136.65
606	3147.22
608	3157.79
610	3168.36
612	3178.93
614	3189.50
616	3199.07
618	3209.64
620	3220.21
622	3230.78
624	3241.35
626	3251.92
628	3262.49
630	3273.06
632	3283.63
634	3294.20
636	3304.77
638	3315.34
640	3325.91
642	3336.48
644	3347.05
646	3357.62
648	3368.19
650	3378.76
652	3389.33
654	3399.90
656	3410.47
658	3421.04
660	3431.61
662	3442.18
664	3452.75
666	3463.32
668	3473.89
670	3484.46
672	3495.03
674	3505.60
676	3516.17
678	3526.74
680	3537.31
682	3547.88
684	3558.45
686	3569.02
688	3579.59
690	3590.16
692	3600.73
694	3611.30
696	3621.87
698	3632.44
700	3643.01
702	3653.58
704	3664.15
706	3674.72
708	3685.29
710	3695.86
712	3706.43
714	3717.00
716	3727.57
718	3738.14
720	3748.71
722	3759.28
724	3769.85
726	3780.42
728	3790.99
730	3801.56
732	3812.13
734	3822.70
736	3833.27
738	3843.84
740	3854.41
742	3864.98
744	3875.55
746	3886.12
748	3896.69
750	3907.26
752	3917.83
754	3928.40
756	3938.97
758	3949.54
760	3960.11
762	3970.68
764	3981.25
766	3991.82
768	4002.39
770	4012.96
772	4023.53
774	4034.10
776	4044.67
778	4055.24
780	4065.81
782	4076.38
784	4086.95
786	4097.52
788	4108.09
790	4118.66
792	4129.23
794	4139.80
796	4150.37
798	4160.94
800	4171.51
802	4182.08
804	4192.65
806	4203.22
808	4213.79
810	4224.36
812	4234.93
814	4245.50
816	4256.07
818	4266.64
820	4277.21
822	4287.78
824	4298.35
826	4308.92
828	4319.49
830	4330.06
832	4340.63
834	4351.20
836	4361.77
838	4372.34
840	4382.91
842	4393.48
844	4404.05
846	4414.62
848	4425.19
850	4435.76
852	4446.33
854	4456.90
856	4467.47
858	4478.04
860	4488.61
862	4499.18
864	4509.75
866	4520.32
868	4530.89
870	4541.46
872	4552.03
874	4562.60
876	4573.17
878	4583.74
880	4594.31
882	4604.88
884	4615.45
886	4626.02
888	4636.59
890	4647.16
892	4657.73
894	4668.30
896	4678.87
898	4689.44
900	4699.01
902	4709.58
904	4720.15
906	4730.72
908	4741.29
910	4751.86
912	4762.43
914	4773.00
916	4783.57
918	4794.14
920	4804.71
922	4815.28
924	4825.85
926	4836.42
928	4846.99
930	4857.56
932	4868.13
934	4878.70
936	4889.27
938	4899.84
940	4910.41
942	4920.98
944	4931.55
946	4942.12
948	4952.69
950	4963.26
952	4973.83
954	4984.40
956	4994.97
958	5005.54
960	5016.11
962	5026.68
964	5037.25
966	5047.8

**Premier Services & Enterprises Inc.**

634 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

$$112.72 \times \text{PSI} \times .0555$$

## Flowback Report

Date: 9-7-65

Well #: COTTONWOOD WASH #1

PS: @  
OFFICE

**Tank Capacity/Inch:**

STATIC PSI + 15

Check cases  
 7 - 5.29  
 13 - 14.44  
 16 - 26.51  
 18 - 35.07  
 20 - 43.64  
 22 - 52.42  
 24 - 61.21  
 28 - 85.13  
 30 - 98.91  
 32 - 112.72  
 48 - 160.99

③

[illegible]

ENDURING RESOURCES

## Premier Services &amp; Enterprises Inc.

634 East 250 North Vernal, Utah 84078

435-781-2304 Fax 435-781-2305

112.72 X PSI X .0555

## Flowback Report

Date: 9-07-05

Well #: Cornudas A WASH #1

\* PSI +15

Tank Capacity/Inch:

To TMC  
Acum  
= 446

Choke	Flow
11	6.25
12	14.44
16	26.31
18	33.07
20	43.44
22	52.43
24	61.31
28	81.13
30	98.82
32	117.72
40	266.99

12	302
9	283
8	274
288	211
371	182
15	29

Time	CSG	TBG	Choke	BBLs	Surf	Tank	TMBBLs	MCP/d	Remarks	TOTAL ACUM	
7:00	1250	500	1/2"	2	44	84 1/2	2	369	11 1/2"	449	TOOK SAMPLE
7:15	1250	500	1/2"	3	44	85	5	369	"	451	
7:30	1250	500	1/2"	5	44	86	10	369	"	456	
7:45	1250	475	1/2"	4	44	87	14	369	"	460	
8:00	1250	450	1/2"	3	44	87 1/2	17	369	"	463	HOLDING 200 PSI BACK PRESS ON VESSEL
9:00	1200	450	1/2"	16	40	91"	33	344	"	479	
10:00	1200	450	1/2"	14	40	94"	47	344	"	493	
11:00	1200	425	1/2"	9	40	96"	56	344	"	502	
12:00	1200	425	1/2"	19	40	100"	75	344	"	521	
1:00	1150	425	1/2"	13	40	105	88	344	"	534	
2:00	1150	400	1/2"	13	46	119	101	344	"	547	DRAIN TANK
3:00	1150	400	1/2"	13	40	122	114	344	"	560	DRAINING
4:00	1100	400	1/2"	13	39	40	127	337	"	573	
5:00	1100	400	1/2"	19	36	44	146	319	"	592	VESSEL PRESSURE 180*
6:00	1100	375	1/2"	14	36	47	160	319	"	606	VESSEL PRESSURE Pumped to 200*
7:00	1100	375	1/2"	10	34	49	170	306	"	616	AT 6:30
8:00	1100	375	1/2"	22	34	54	192	306	"	638	
9:00	1100	350	1/2"	10	34	56	202	306	"	648	
10:00	1050	350	1/2"	10	34	58	212	306	"	658	
11:00	1050	350	1/2"	10	34	60	222	306	"	668	
12:00	1050	350	1/2"	14	30	63	236	306	"	682	
1:00	1050	350	1/2"	15	34	66	251	306	"	697	
2:00	1050	350	1/2"	14	34	69	265	306	"	711	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-40729																														
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																														
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>																														
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> COTTONWOOD WASH U 12-21-32-10																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2284 FNL 2287 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 10 Township: 12.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047317740000																														
<b>5. FIELD and POOL or WILDCAT:</b> BUCK CANYON		<b>9. FIELD and POOL or WILDCAT:</b> BUCK CANYON																														
<b>6. COUNTY:</b> Uintah		<b>STATE:</b> UTAH																														
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/5/2016  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input checked="" type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																														
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  P&A procedure attached.																																
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> June 13, 2016 <b>By:</b>																																
<b>NAME (PLEASE PRINT)</b> Travis Whitham	<b>PHONE NUMBER</b> 303 350-5716	<b>TITLE</b> Landman																														
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/8/2016																														



## Recommended Procedure

## Plug and Abandonment

<b>Operator:</b>	Enduring Resources, LLC		
<b>Well name:</b>	Cottonwood Wash Unit #1 (12-21-32-10)		
<b>Legal:</b>	NESE, Section 16, Township 12 South, Range 21 East		
<b>Location:</b>	Uintah County, Utah		
<b>GPS:</b>	39.78903, -109.55223		
<b>API:</b>	43-047-31774		
<b>Surface:</b>	8-5/8" 24# at 2,000'	<b>Hole size:</b> 12-1/4"	<b>TOC:</b> Surface
<b>Production:</b>	4-1/2" 11.6# at 7,200'	<b>Hole size:</b> 7-7/8"	<b>TOC:</b> Unknown (may need CBL)
<b>Tubing:</b>	2-3/8" 4.7# at 6,651' (Arrowset 1 Packer at 6,651' with 20K tension)		
<b>Rods:</b>	264		
<b>Perforations:</b>	3,933' – 4,006'; 5,555' – 5,562'; 5,806' – 5,814' (Wasatch, Squeezed) 6,096' – 6,107' (Mesa, Squeezed); 6,234' – 6,558'; 6,750' – 6,836' (Mesaverde)		
<b>PBTD:</b>	7,154'		
<b>TD:</b>	7,200'		

**\*Procedure based off of completion reports and well history, this is NOT a final procedure\***

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well/kill if necessary
3. Dig out around wellhead and check surface annulus for pressure  
(If present call Tommy Joyce #817-933-9759 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, NDWH, NUBOP, Load and circulate wellbore clean
5. TOH and tally 6,046' of tubing to derrick, LD remaining tubing and BHA
6. PU 4-1/2" 11.6# casing scraper/bumper sub, TIH to 6,046', TOH, LD BHA
7. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 6,046' (50' above topmost Mesaverde perfs)
8. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP  
(10 sxs is 131' in 4-1/2", TOC: 6,177')
9. TOH and LD to 6,000', Reverse circulate tubing clean
10. Pump 33 bbl. of water treated with corrosion inhibitor
11. TOH, Stand back 3,883'
12. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 3,883' (50' above topmost Wasatch perfs)  
(10 sxs is 131' in 4-1/2", TOC: 3,752')
13. TOH and LD to 3,600', Reverse circulate tubing clean, Pressure test casing to 500 psi for 5 minutes  
(If test fails call Tommy Joyce and Craig Owen for orders)

Note: If casing pressure test fails (step 13) additional steps/services required by the Utah DOGM/BLM are not included in this bid and will be billed per our 2016 Time and Material Price Schedule.

14. Circulate 56 bbl. of water treated with corrosion inhibitor
15. TOH and LD to 2,100' (100' below surface casing shoe)
16. Pump 15 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to cover surface casing shoe  
(15 sxs is 197' in 4-1/2", TOC: 1,903')
17. TOH to 1,800', Reverse circulate tubing clean, WOC 4 hours, TIH and tag TOC at 1,950' or higher
18. TOH and LD to 100', Establish circulation to surface
19. Circulate 8 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
20. TOH and LD tubing, Dig out and cut off wellhead 6' below restored ground level
21. TIH 100' in 4-1/2" x 8-5/8" with 1" tubing, Establish circulation to surface
22. Circulate 21 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
23. TOH and LD tubing, RDMO, Top off if necessary, Weld on info plate, backfill, clean location, P&A complete

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-40729
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> COTTONWOOD WASH U 12-21-32-10
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2284 FNL 2287 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 10 Township: 12.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047317740000
<b>9. FIELD and POOL or WILDCAT:</b> BUCK CANYON		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>7/12/2016</b>				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Plugging report attached. Well is waiting on reclamation and re-seeding planned for this fall.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 July 18, 2016

<b>NAME (PLEASE PRINT)</b> Travis Whitham	<b>PHONE NUMBER</b> 303 350-5716	<b>TITLE</b> Landman
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/18/2016	

Enduring Resources  
Chronological Plugging Report  
Cottonwood Wash 12-21-32-10

7/7/16

Notified state with intention to plug on 7-6-16 Jake Birchell notified his office Cottonwood wash Unit 1 (12-21-33-10) Sitp 300 psi Csg 1700 Dug down 5' could Not find surface Valves . Moved in rigged up Basin Swabbing Work Over rig . Ru rig Changed over to rod equip.Dug Pit.

24 hr forecast

Pull rods attempt, to release Arrowset 1 Pkr.

7/8/16

CICP 1200 psi, CITP 300 psi, Surface?

Safety meeting, rod Equip ,Heat

Bled well down. RU hot oiler, pumped 30 bbls Fresh water down Casing, PU and try To unseat pump.

Pumped 40 bbls Down tbg. Well

Circulated. Unseat Pump apparently A hole in tbg. Rods out of hole 1 1/4 x 22' polish Rod, 2-4', 3-6' 7/8 pony rods, 142 plain 7/8, 122 plain 3/4, 2" pump. Changed over to Tbg equipment. PU on B-1 adapter, Took 55k to move Tbg string pulled To 61 k tbg parted. Deep weighing 39k. Stripped on BOPES, RU floor, Tongs etc. Well Blew in SWIFW.

24 Hr forecast

Prep to pump Cement on 7-11

7/11/16

SITP 400 psi, SICP 400 psi, SISCP ?

Held safety meeting, pinch points, H2S

Bled well down circulated well with 145 bbls h2o Tallied OOH with 195 jts 2 7/8" tbg (6060') and 24' Parted joint, tbg. Parted @ 6090'. RIH with 4 3/4" Bit and 5 1/2" casing Scraper to 6060'. Circulate gas out of well. POOH LD Bit n scraper and bottom 10 jts.Due to xternal pitting and Holes. RU EL RIH with CIBP set @ 6046'. RD EL. RIH with NC and TBG to 5717'. Hole full. Test CSG to 500 PSI for 5 min good SWIFN.

24 Hr forecast

Spot 4 cement plugs cut off tbg

Head weld on marker.

Note, Jake Birchell BLM inspector

And I talked to Michael Lee engineer, with the BLM and if the casing tested we didn't need to set another CIBP @ 3883' just spot balanced plugs out of Hole

7/12/16

SICP. 0, SITP. 0, SISC. ?

Held Safety Meeting: cement Heat, Hydration

EOT 5717. PU 10 Jts 2 7/8 RIH to 6039' CIBP 6046. Spot 17 sxs cmt 3.4 bbls 150' plug To 5889. LD 10 jts.

Displaced hole with corrosion inhibitor. LD 60 jts EOT 3896, spot 17 Sxs, 3.4 bbls, to 3746 150' plug. LD 58

Jts EOT 2101, Spot 20 sx balance plug 4.1 bbls, 200' to 1901 LD all TBG. RD floor tongs, ND BOPES. RIH

with 4 jts to 122' filled 5 1/2" casing with 20 sxs cement 4.3 Bbls. LD 4 jts. RD

Rig moved out of way. Dug down 10' to find surface csg, cut conductor, 8 5/8" And 5 1/2, RIH with 20'

1", pumped 10 sxs 2 bbls, topped off 8 5/8 x 5 1/2 annular, and 5 1/2. Weld on P&A Marker. All cement

Neat G cmt, 15.8 PPG, 1,15 yield. All plugging operations were witnessed, by Jake Birchell BLM

Inspector.

Michael Lee, engineer, with BLM requested in final report to note What was left in the well bore. We

left 20 JTS 2 7/8" , SN, and Arrowset 1 PKR. TBG tally 195 Jts 2 7/8 -6,051.03. 142 7/8" Rods, 122 3/4"

Rods, 3-6', 2-4' 7/8"

pony rods, 1 1/4 x 22' polish rod.